



2020-2021 Spring Lake Park High School Course Catalog



The 2020-2021 school year will soon be here. This course catalog includes information about the courses we plan to offer at Spring Lake Park High School in the 2020-2021 school year. Whether we are able to offer the course or not depends on how many students sign up for a course.

The teaching team at Spring Lake Park High School asks every student to carefully review their plans and goals as they consider their options. Making sound decisions that accurately reflect your academic needs and post-secondary goals during the registration period helps everyone at the high school plan for and have a successful year.

Use the online registration guide to easily navigate to the course you're most interested in, read their descriptions, prerequisites, credits, post-secondary opportunities and other details. Access online registration at SpringLakeParkSchools.org/HSregistration.

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Business & Entrepreneurship Pathway

The Business & Entrepreneurship Pathway is designed to give students experience in the many careers within the industry, while also exposing them to the varying types of business, including startups, small businesses, corporations and nonprofit companies. Students in this pathway will have the option to deeply explore or expose themselves to marketing, finance, leadership, business management, and other sectors. They will also gain the necessary communication skills to thrive in the business world whether they wish to start their own company or join a corporate environment.

Foundations of Business (formerly called Intro to Business)

Course Number: 1053

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Elective

This project-based course provides students to work with a real-world client to complete a marketing project and acts as mini-simulation of the upper level Marketing & Entrepreneurship course. Students will cover some of the foundations of business and apply those concepts to a marketing challenge. Students will also gain a better understanding of the various careers within business.

Personal Money Management

Course Number: 1059

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Elective

The knowledge of money management and banking services can provide you with the skills to deal with financial matters. Topics covered include budgeting, credit cards, opening and using a checking and savings account, borrowing money, filling out tax forms and making consumer-smart decisions when buying an automobile or buying/renting a home. This course is designed to give the student an understanding of the role of personal money management and how he/she can handle money wisely in day-to-day living.

Foundational Leadership

Course Number: 1055

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Elective

This course is an exploration of leadership, organization and ethics. Learners will differentiate between various leadership styles and reflect on their own personal values and style. Students will also engage in rich dialogue highlighting barriers to effective communication while learning strategies to overcome those barriers. The course will present a balanced approach between leading from the head and leading from the heart by examining the relationship between beliefs, values, dialogue, trust, influence, transition, complexity and uncertainty. Students will develop leadership skills that are transferable to various aspects of life and will have the opportunity to apply those skills to real world projects during the course.

Accounting 1

Course Number: 1051

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Elective

This course covers the concepts and principles of accounting as they relate to financial statements of a single proprietorship. The course will cover a broad range of accounting principles. This includes special journals, posting, trial balancing, worksheets, financial statements, adjustments, and closing ledgers. This course is strongly recommended for students who will be pursuing a business major in college.

Accounting 2

Course Number: 1052

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Accounting 1

This course will be a continuation of Accounting 1. The accounting principles taught in this course include an in-depth study of accounting principles, procedures, and techniques used in keeping financial records for sole proprietorships, partnerships, and corporations. Students must take Accounting 1 prior to taking this course. This course is strongly recommended for students who will be pursuing business in college.

DECA Coffee Shop

Course Numbers: 1056/1057/1058

Grades: 10, 11, 12

Credits: 3

Type: Full Year; Elective

In this course, students will prepare for DECA competitions and run the school coffee shop. Students will gain hands-on experience running a business and make important decisions regarding the school coffee shop. DECA students will choose an area to focus on and prepare for competitive events that is of interest to them. The competitive event categories are business management & administration, hospitality and tourism, marketing, entrepreneurship, finance, and personal financial literacy. Students will gain presentation and marketing skills.

Marketing & Entrepreneurship (Hybrid course)

Course Numbers: 1060/1061/1062

Grades: 11, 12

Credits: 3 credits of required English Language Arts; 3 credits of business elective; option for 3 college credits in CMST 1110 at Anoka-Ramsey Community College

Type: Full Year, two-hour block

Post-Secondary Connection: Option for 3 college credits in CMST 1110 at Anoka-Ramsey Community College

*This class is part of a larger Business & Innovation course. Students who register for this as a business elective will automatically be registered for the English Research & Communication class, which counts as their required Language Arts for the year.

Students will earn a full-year of elective business credit in the Marketing & Entrepreneurship class and earn one of their required English Language Arts credits in the English Research & Communication course. The class will operate in a double-block to allow flexibility for each day so students can engage in company projects, travel to local businesses, and participate in field experiences. In the past, students worked on company projects with partners such as National Sports Center, Urban Air, Infinite Campus and Rise nonprofit. This class will follow a hybrid model, meeting face-to-face on Mondays, Wednesdays and Fridays, allowing for online or project learning on Tuesdays and Thursdays.

In Marketing & Entrepreneurship, students will learn advanced marketing concepts and an approach to entrepreneurship that emphasizes design thinking and the "lean startup" model. In the first half of the year, students will work in teams on real consulting projects for local companies. In the second half of the year, students will create a business plan and participate in a shark-tank style entrepreneurship competition for an idea, product, or service.

In English Research & Communication, students are introduced to fundamental elements and models of communication, basic theory, interpersonal communication, small group communication and public speaking. Students will study persuasion, cultural competency, professional communication and read both fiction and nonfiction texts relevant to global communication, research and leadership.

If taking the course for college credit, eligibility requirements are as follows:

- 11th grade: Top 1/3 in class rank or 3.5 GPA plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading
- 12th grade: Top 1/2 in class rank or 3.0 GPA plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading

Business Internship

Course Number: 1064/1065

Grades: 12

Credits: 4

Type: Business elective, two-hour block in trimester 2 and 3

Prerequisite: Business & Innovation course

In this course, student will intern within a local business, going off-site most days to work at the assigned company. Every effort will be made to place the student in a sector of business that is interest of them, such as marketing, finance, or communications. Students will be expected to engage in professional behavior and will be assigned a professional mentor from the hosting company. Student selection will include an interview process.

Technology, Engineering & Design Pathway

The Technology, Engineering and Design Pathway is designed to give students a chance to explore and gain experience in the world of modern technology. In these courses, students will learn about the advances and innovation within the design, engineering, and information systems fields. Through hands-on experiences with simulations, projects, case studies, and guest instructors, students will also gain collaborative skills, which is critical to the needs of today's workforce.

How to Make Almost Anything

Course Number: 2101

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Art elective

This one-trimester elective course provides a hands-on introduction to the initial foundations of engineering and the design process. Students will work in the Spring Lake Park High School Maker Studio as designers. They will become inventors, artists, and creators, using human-centered design, engineering principles, and cutting-edge technology to create prototypes of practical solutions to problems that people face every day. Products will be designed on computers for processing on 3D printers, vinyl cutters, and a laser cutter.

How to Make Almost Anything 2

Course Number: 2102

Grades: 11, 12

Credit: 1

Type: Trimester; Art elective

Prerequisite: How to Make Almost Anything

This one-trimester elective challenges students to take their design skills to the next level. Students will partner with a local business and with the Spring Lake Park High School Business and Innovation class to design solutions and create prototypes for real-world problems. Students will become experts in the design process and learn more about the technologies used in the Spring Lake Park High School Maker Studio.

Engineering Essentials

Course Number: 2107/2108/2109

Grades: 9, 10, 11, 12

Credits: 3

Type: Full Year; Elective

Explore how engineers make a difference and improve lives, while using modern engineering tools, such as geographic information systems, 3D modeling software, and prototyping equipment. Work on your own and as part of a team to develop solutions to community and global challenges that the next generation of engineers will face. Students will learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of sectors, including health care, public service, and product development and manufacturing. This year-long course is offered through Project Lead the Way (PLTW), a national nonprofit organization.

Introduction to Engineering Design

Course Number: 2110/2111/2112

Grades: 9, 10, 11, 12

Credits: 3

Type: Full Year; Elective

Prerequisite: None but highly recommend successful completion of quadratic algebra prior to taking this course

Post-Secondary Connection: Completion of course and a passing score on final exam results in 3.0 college credits through the University of Minnesota or St. Cloud State University.

Students will take a deep dive into the engineering design process and explore the method by which engineers solve problems. Students will apply the design process to solve problems and design products using everyday materials as well as using CAD (Computer Aided Design). Students will learn foundational engineering skills including how to accurately measure, how to communicate designs in technical documents, how geometry impacts design, and how to create linear motion from rotational motion. Students will apply these skills to reverse engineer and improve a product and to do a capstone project which showcases their design skills. This year-long course is offered through Project Lead the Way (PLTW), a national nonprofit organization.

Principles of Engineering

Course Number: 2113/2114/2115

Grades: 10, 11, 12

Credits: 3

Type: Full Year; Elective

Prerequisite: Introduction to Engineering Design or Algebra 2/Trig

Post-Secondary Connection: Completion of course and a passing score on final exam results in 3.0 college credits through the University of Minnesota or St. Cloud State University

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This year-long course is offered through Project Lead the Way (PLTW), a national nonprofit organization.

Intro to Coding

Course Number: 2120

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Elective

Intro to Coding is a one-trimester elective course aimed at exposing students to the world of coding. Code helps enable every piece of technology around us, from mobile apps, to websites, to social media. Intro to Coding is intended for students with no previous background, and teaches students how to code in a fun, hands-on, and accessible way. The course focuses on the problem solving and critical thinking skills required to properly develop, debug, and adjust code, skills that will benefit students in all of their future endeavors.

AP Computer Science Principles

Course Number: 1094/1095/1096

Grades: 10, 11, 12

Credits: 3 elective credits in computer science.

Type: Full Year

Pre Requisite: Completion of Quadratic Algebra A/B/C

Post Secondary Connection: College credit is possible upon completion of and earning a 3 or more on the AP exam in May. This academically rigorous course follows the Advanced Placement guidelines designed by the College Board.

This year-long course allows students to gain a full year of elective credit in AP Computer Science Principles. The class will have opportunities to allow flexibility for each day, so students can engage in simulations, travel to local businesses, and participate in project-based learning. In Advanced Placement Computer Science Principles, students are introduced to the foundations of computer science with a focus on how computing powers the world.

The course starts with learning about what is involved in sending a single bit of information from one place to another and ends with students developing small applications of their own design that live on the web. Along with the fundamentals of computing, students will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. The course embeds project and inquiry-based learning, with an Advanced Placement exam for college credit. Completion of course and a passing score on AP exam results in 3.0 college credits.

Java Programming (Formerly Computer Science in the 21st Century)

Course Number: 2136/2137/2138

Grades: 10, 11, 12

Credits: 3

Type: Full Year, Math elective

Prerequisite: Intro to Coding or AP Computer Science Principles or Algebra 2 – Trig.

This course is an intermediate level course that examines computer science and computer programming. Students will learn Java to develop advanced programming structures and commands which can be used to create apps, games and advanced programs. Simple and advanced graphics will be explored. Along with programming techniques, students will study historical, current, and future aspects of computers.

Reading & Writing in the Digital Age

Course Number: 1176/1177/1178

Grades: 10, 11, 12

Credits: 3 required English Language Arts credits, option for Honors English Language Arts

Type: Full Year

Students will learn differently and explore a variety of perspectives with Reading & Writing in the Digital Age. Media Literacy, social media, social justice, digital media communications, website creation, viral videos, escape rooms, and e-sports are some of the ways students will learn about communications, problem solving, and becoming a critical consumer.

Students will also examine texts and language through the lens of technology and its impact on the way we write, speak, and learn information. Students will also gain the necessary skills of public speaking, small-group communication, and presentation of research as part of this class. Using nonfiction and fiction texts, students will engage in discussion and analysis of human communication in today's modern world. Students have the option to take this course as a general or honors course.

Digital Art & Design

Course Number: 2140

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Art elective

Students will learn about relevant digital design elements used by professionals across the globe, including image creation, graphics, typography, page layout, color theory, navigation, editing, branding, and more. Students will develop a deeper understanding of how to use Macs and software programs used within industry, including Adobe Photoshop, Illustrator, and InDesign, to create authentic digital products utilized in business, marketing, computer science, and beyond. This course is highly recommended for students with an interest in business, entrepreneurship, marketing, computer science, art, and/or design careers.

Construction & Solar Energy

Course Number: 2142/2143

Grades: 11, 12

Credits: 4 elective credits

Type: Two trimesters; two-hour course

Note: This class is offered at Irondale High School and transportation will be provided from SLPHS

**Students who successfully complete this course will have the opportunity to earn college credit.*

The Spring Lake Park high school portion of Construction and Solar Energy will focus on practicing skills necessary to being successful in the construction trades. Hand tool instruction and practice, workplace safety, basic vocabulary, and time-saving tricks will be emphasized in the first 6 weeks of the course prior to attendance at Irondale.

Learn how to build a future in the world of innovation and construction in this introductory class. This is a learn-by-doing, hands-on construction class. Students will use the design process throughout the life-cycle of selected projects to learn basic construction skills and manufacturing technology in order to build a structure that meets industry standards. Students will learn how to produce technical drawings, read building plans, build models/prototypes, and construct sections of a structure. Basic plumbing, concrete, electrical, drywall, and other related work within the estimated budget will also be addressed. Through partnership with the Minnesota State Energy Center of Excellence, students will have access to a mobile classroom focused on alternative energy, and through partnership with Century College, students will have access to their solar lab. Students will use their new skills and knowledge to design and build a solar-powered ice-fishing house that meets real industry standards and deadlines all within budget.

Health & Human Services Pathway

The Health and Human Services Pathway exposes students to careers that meet the basic needs for our communities, including the health of individuals and families, assistance with social services, help with preventing and solving problems and striving to provide the highest quality of life possible through wellness and education. Students who choose to go into this growing field will be part of fostering advances in medicine, public health and social services. This pathway gives students several opportunities for hands-on learning in the field.

Child Development 1

Course Number: 1074

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: None – First Aid/CPR course recommended

Fee: No fee for basic projects, additional projects may incur a project fee.

Post-Secondary Connection: Students in grades 10, 11 and 12 may earn articulated college credits by completing BOTH Child Development 1 and 2 with a grade of A- or higher. See Articulations chart below.

This course will give students the chance to explore the developmental areas of children from ages birth to 3. This course is designed to give students the skills necessary for effectively caring for, working with, and/or parenting children. Students will learn about the physical, intellectual, social and emotional development of children, birth to preschool. In addition, students will explore how play, technology, and specific environments impact development. Students will have the opportunity to develop and teach preschool where they engage with kids and apply what they have learned about child development. This is a great course for students interested in careers in teaching, social work, psychology, pediatrics, early childhood education, parenting education and human services.

Colleges	College Courses	Articulated College Credit
Hennepin Technical College	CDEV 1500 – Child Growth & Development	3 credits of 3 total credits (45 hrs. class + 3-4 hrs./wk. for class work)
St. Cloud Technical & Community College	CACE 1420 – Foundations of Development	3 credits of 3 total credits
Inver Hills Community College	Elective Choice	3 elective credits

Child Development 2

Course Number: 1075

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Child Development 1 (previously Early Childhood 1)

Post-Secondary Connection: Students in grades 10, 11 and 12 may earn articulated college credits by completing BOTH Child Development 1 and 2 with a grade of A- or higher. See Articulations chart below.

This course gives students the chance to explore the developmental areas of children from ages 4 to 12. Students will learn about the physical, intellectual, social and emotional development of preschool and elementary students. In addition, students will explore how play, technology, and specific environments impact child development.

Students will have the opportunity to develop and teach preschool where they engage with kids and apply what they have learned about child development. In addition, they will conduct outside observations in school settings. This is a great course for students interested in careers in teaching, social work, psychology, pediatrics, early childhood education, parenting education and human services.

Colleges	College Courses	Articulated College Credit
Hennepin Technical College	CDEV 1500 – Child Growth & Development	3 credits of 3 total credits (45 hrs. class + 3-4 hrs./wk. for class work)
St. Cloud Technical & Community College	CACE 1420 – Foundations of Development	3 credits of 3 total credits
Inver Hills Community College	Elective Choice	3 elective credits

Teacher Education I: Exploring the Teaching Profession

Course Numbers: 1080/1081/1082

Grades: 11, 12

Credits: 3 elective credits, includes 2 college credits through University of Minnesota

Type: Full Year; Elective

Post-secondary connection: College in the Schools, two UMN semester credits College in the Schools (CIS)

The course is designed to give students an entry point into pursuing a career in education by providing both content knowledge and field experiences. Students explore the self as a teacher, the culture of teaching, student learning, and the sociocultural and political influences on teaching and learning. Students will consider the role of equity in working with diverse students and develop reflective practices.

In addition, students in the course will participate in discussions, write reflective papers, and engage in small-group activities. Throughout the year, students will work with students as an intern in a local elementary, middle, or high school classroom, under the supervision of a mentor teacher.

**This course is the first in a sequence of two year-long courses offered by the University of Minnesota. While this course is open to any junior or senior, it is highly recommended to take this course as a junior so that you can take the second class as a senior.

Health & Sport Performance

Course Number: 1370/1371/1372

Grades: 11, 12

Credits: 3 high school credits; meets required Health credit, meets 2nd PhyEd credit requirement, includes elective PhyEd credit

Type: Full Year

Prerequisite: Foundations of Fitness

Post-Secondary Connection: Option for 4 college credits for HPER 1120 at Anoka-Ramsey Community College

Course: This year-long course is designed for students who may want to pursue a career related to health, wellness, or sports. It includes high school requirements for health, one requirement for physical education and one elective option in physical education while also allowing students to gain 4 college credits in health and physical education. The course will cover content in individual and community health, including nutrition, healthy sexual development, mental/emotional health and addiction. Students will work toward achieving individual fitness goals and must be able to participate in regular aerobic exercise. Students will develop skills to assess their current wellness levels and be able to develop a plan to positively enhance their personal health and fitness status.

Students will have shadowing and other opportunities in sport and health-related fields, such as physical therapy, athletic training, exercise physiology, occupational therapy, sports management, and sports psychology. Fitness labs will take place at the high school and National Sports Center.

*This course can be taken to meet the required Health and PE credits but is also open to students who have already met those requirements.

If taking the course for college credit, eligibility requirements are as follows:

- 11th grade: Top 1/3 in class rank or 3.5 G.P.A. plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading
- 12th grade: Top ½ in class rank or 3.0 G.P.A. plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading

OPPORTUNITIES IN EMERGENCY CARE (OEC)

OEC is an award-winning medical education program that offers extensive opportunities to students interested in serving others in the healthcare field. We teach EMS (Emergency Medical Services) programs to regional high school students. Students can learn basic First Aid, or become fully prepared for pursuing careers in clinics, hospitals, nursing homes, in-home healthcare, ambulance services, fire departments, etc. through our courses. Students can earn college credits and/or their NREMT (National Registry of Emergency Medical Technician) certification, which enables them to pursue careers in various EMS and healthcare professions.

The following opportunities are available through the OEC program:

- Earn state and national certifications
- College credit in three different courses
 - Emergency Medical Responder — 4 credits
 - Emergency Medical Technician — 9 credits
 - Nursing Assistant-Registered — 4 credits
- Tuition savings up to \$3,400 or more if you take every course OEC offers
- Skills and certifications that can lead to employment in clinics, hospitals, ambulances, nursing homes, home healthcare, fire departments, etc.
- Competition opportunities in various EMS and other healthcare events. State EMS Champions, 2013-2018
- Opportunities to participate as a member of HOSA (Health Occupations Students of America) HOSA International EMT Champions, 2016, 2017, 3rd & 8th place 2018.
- Each student is held to a high personal and professional standard
- Hands-on clinical experience through sports & community events, shadowing and ride-alongs

First Aid/CPR

Course Number: 1351

Grades: 9, 10, 11, 12

Credits: 1

Type: Trimester; Elective

Potential Certifications: American Heart Association Heartsaver CPR/AED & First Aid

Post-secondary Connection: Articulated college credit possible through various institutions

This is an entry level course that prepares students to perform life-saving skills until healthcare professionals arrive. This course offers opportunities to get out of your seat and apply learning with practical scenarios. This class is strongly recommended, but not required for the other OEC classes.

Self Defense for Women

Course Number: 1358

Grades: 11, 12 (preference give to seniors if full)

Credits: 1

Type: Trimester; Elective

Prerequisite: Females only

This one-of-a-kind course provides frank discussion about rape, assault, and harassment.

Topics include: Relationship violence, setting boundaries, increasing awareness of your surroundings, assertiveness, middle ground defense, physical resistance; including:

- Striking with hands and arms
- Kicking
- Breaking holds
- Fighting from the ground
- Escaping pins
- Dealing with a weapon-wielding assailant
- Multiple assailants

This course requires students to use considerable physical effort in applying various self-protection techniques and a focus on personal strength and fitness development.

Nursing Assistant – Registered

Course Number: 1352

Grades: 10, 11, 12

Credits: 2

Type: Honors credits; Trimester; Elective – (2-hour course).

Prerequisite: Students in 10th grade applying for this class must have completed first aid with a B or better OR have a GPA of 3.0 or higher entering 10th grade without having taken first aid. Students must be 16 years old, two weeks prior to the completion of the course. For 11/12 graders, no prerequisites required.

Fees: Students are required to purchase medical scrubs, a transfer belt, liability insurance, and pass a background check. Students wishing to complete the Nursing Assistant State certification test must cover the testing cost of \$213.

Post-secondary Connection: Four (4) articulated college credits are available upon successful completion with a B-/80%.

In this college level course, students are exposed to medical terminology, medical forms, and anatomy and physiology as it relates to aging and long-term care. Students will learn how to assist and relate to and care for residents at a long-term care facility. A Nursing Assistant certification is a requirement for most college nursing programs. The required service project facilitates teamwork and a chance to see how service directly affects the lives of others. Attendance requirements are set by the Minnesota Nursing Assistant Registry. Students with more than six absences in the course will not be eligible for clinicals and certification.

Course Requirements:

- Purchase own medical scrubs, transfer belt, liability insurance, and pass a background check.
- Provide own transportation to clinical sites.
- Complete a three-hour service project during the course.
- Complete a minimum of 16 clinical hours at a long-term care facility.
- Students need to be 16 years old, two weeks prior to the completion of the course.

Note: Any student hired by a nursing home within six months of passing the test will be eligible for reimbursement of the test fee from the State of Minnesota. Students will follow the Minnesota Department of Health guidelines for Nursing Assistant-Registered training.

Nursing Assistant has articulated college credit possibilities through Century College, Anoka Technical College, Central Lakes College, MN State College Southeast, Normandale Community College, Rochester Community & Technical College, and St. Cloud Technical & Community College

Emergency Medical Responder

Course Number: 1353

Grades: 11, 12

Credits: 2

Type: Honors credits; Trimester; Elective – (2-hour course); TRIMESTER 1 ONLY

Post-secondary Connection: College credits available upon successful completion, B- or 80%

Potential Certifications:

- American Heart Association Healthcare Provider CPR
- Minnesota State Emergency Medical Responder

This course meets and exceeds requirements set forth by the National EMS Education Scope of Practice. Students who successfully complete the course will be eligible for the Emergency Medical Responder (EMR) certification. This course provides the student the necessary tools to sustain life, reduce pain and minimize injury during out-of-hospital medical and traumatic emergencies, while awaiting or alongside EMS personnel. Students can apply their skills at school and community events, and an optional four-day emergency care retreat in Amery, WI. At this retreat, students will have ample opportunity for hands-on experience through mock emergencies, ambulance runs, and session from a variety of healthcare, fire, and law enforcement professionals.

EMR certification is required for any firefighter or police officer in the State of Minnesota. Course requirements include completion of a minimum of 10 service learning/skill lab hours to be completed outside the school day. Clinical opportunities include Spring Lake Park football games, Twin Cities Marathon, hockey games and more.

Note: First Aid & CPR Certification recommended but not required.

Colleges	College Courses	Articulated College Credit
Century College	EMS 1015 – Emergency Medical Responder	3 credits
Alexandria Technical & Community College	LENF 1624 – Emergency Medical Responder (EMR)	3 credits
Anoka Technical College	EMED 1025 – Emergency Medical Responder	3 credits
Hennepin Technical College	EMSV 1050 – Emergency Medical Responder (First Responder)	3 credits
Normandale Community College	HLTH 2209	3 credits

Emergency Medical Technician (EMT) 1

Course Number: 1354

Grades: 11, 12

Credits: 2 (two-hour course)

Type: Honors credits; Trimester; Elective - 2 hours / 2 credits; first of two courses. TRIMESTER 2 ONLY
Fee: \$20 for Department of Human Services background check, and Mantoux test for fire department ride-alongs, uniform, Explorer Post registration, State Competition, others.

Post-secondary Connection: Articulation agreement for up to 9 credits. Students must successfully complete EMT 1 & 2 for college credit. See chart below EMT 2.

Potential Certification: AHA Healthcare Provider CPR (as needed)

The Emergency Medical Technician (EMT) 1 course is designed to train the lay person in emergency medical care in the pre-hospital environment. It is the entry level of training in the Emergency Medical Services career field. The program follows the current Department of Transportation (DOT) EMT curriculum. The program instructs the student in medical practices available to pre-hospital personnel, precise patient assessment and management of trauma and medical emergencies, airway management, resuscitation and pharmacological interventions. This program will develop the student's confidence, knowledge and skills in performing critical assessment and management of patients with medical and trauma related life threats. It also focuses on development of the EMT's critical role as a team member during patient crisis situations.

EMT-1 is the first half of the National EMT curriculum for certification as a Nationally Registered Emergency Medical Technician.

10 lab/service learning hours are required as part of the course.

Note: The Emergency Medical Responder (EMR) course #1353 is strongly recommended, but not required.

Emergency Medical Technician (EMT) 2

Course Number: 1355

Grades: 11, 12

Credits: 2 (two-hour course)

Type: Honors credits; Trimester; Elective - 2 hours / 2 credits; second of two courses. TRIMESTER 3 ONLY

Fees: \$40 for EMT skills exam / \$80 for National Registry of EMT computer exam (optional for national EMT certification) and uniform consisting of black pants and white dress shirt highly recommended.

Post-secondary Connection: Articulation agreement for up to 9 credits. Students must successfully complete EMT 1 & 2 for college credit. See chart below.

Potential Certifications: National Registry/State of Minnesota Emergency Medical Technician

This is the second half of the EMT course which meets the National EMS Education Standards for Emergency Medical Technician (EMT). Students must take EMT 1 in conjunction with EMT 2.

This course includes assessment-based education and medical interventions. Ambulance calls will be staged for students on a routine basis. Ride-alongs available with the Fridley Fire Department for students making adequate progress. Students are encouraged to participate in the optional four-day emergency care retreat in Amery, WI, where they will apply their skills by working simulated emergencies out of an ambulance, learn from and network with healthcare, fire and law enforcement professionals. 10 lab/service learning hours are required as part of the course. (The EMT Lab/Service Learning Course # 0522 is optional for students wanting to complete at least 40 lab or service hours for an additional credit.)

Note: This is the second half of the course which meets the new National EMS Education Standards for the Emergency Medical Technician (EMT). Students must take EMT 1 in conjunction with EMT 2.

Colleges	College Courses	Articulated College Credit
Century College	EMSB 1020 – Emergency Medical Technician	9 credits
Anoka Technical College	EMED 1113 – Emergency Medical Technician I	4 credits
Hennepin Technical College	EMSV 1100 – Emergency Medical Technician	6 credits
Lake Superior College	FIRE 2482 – Emergency Medical Technician	3 credits
Lake Superior College	FIRE 2484 – Emergency Medical Technician (Lab)	3 credits

Enhanced EMT Internship

Course Number: 1356

Grade: 12

Credits: 2 (two-hour course)

Type: Trimester; Elective - 2 hours / 2 credits.

Prerequisite: Grade of B+ or higher in EMT 1 & 2

Fees: EMT uniform required for clinical experiences, own transportation (may carpool with classmates with parental permission), AHA instructor testing fees (if pursued)

Potential Certifications: AHA CPR & First Aid Instructor

Units include advanced emergency medical training:

- EMT skills & academic review
- EMR skills examiner
- American Heart Association CPR & First Aid Instructor course
- Ambulance operations
- Advanced airway intubation including endotracheal tubes, iGels, and King Airways, CPAP and BiPAP
- Electrocardiogram (EKG) interpretation
- Basic cardiology medications
- Intravenous therapy, blood draws, intraosseous infusion
- Final mega-code demonstration including the use of cardiac monitor/defibrillator, starting an IV, and administering medications used in a mock cardiac arrest

Emphasis is placed on leadership as intern students are expected to work with and mentor EMR students by assisting at after school labs, evaluating student skills, running scenarios, and leading new students at medical events. The course is taught by OEC faculty and ancillary staff, including paramedics, registered nurses, and others.

Major Outcomes:

- To handle stressful scenarios and situations in a professional and calm manner as an EMT would
- To demonstrate an understanding, and the use of, advanced EMT skills
- To demonstrate dynamic communication skills with students, patients and teammates
- To organize and complete a personal resume and/or portfolio to be used for future job interviews
- American Heart Association Health Care Provider CPR (recertification)
- To set up and complete two fire department ride-alongs, as well as other clinical experiences

Fire Fighter 1 Internship

Course Number: 1357

Grade: 12

Credits: 2 (two-hour course)

Type: Trimester; Elective - 2 hours / 2 credits

Prerequisite: Grade of C or higher Emergency Medical Responder (Course 1353)

Fees: EMT uniform required for clinical experiences, own transportation, fire fighter 1 testing fees (if pursued)

Potential Certifications: Minnesota Firefighter 1

This unique course is taught in conjunction with the Spring Lake Park/Blaine/Mounds View (SBM) Fire Department. Topics include: At the conclusion of the course, students will participate in a live, controlled burn as part of the final testing (if the opportunity is available), take the Firefighter 1 examination, and attempt a department physical agility test.

Unit includes Fire Fighter 1 training:

- Fire department communications
- Ropes and knots
- Search and rescue
- Forcible entry
- Ventilation
- Firefighter safety
- Personal protective equipment (PPE)
- Emergency operations
- Ground ladders
- Fire control
- Salvage
- Overhaul
- Portable fire extinguishers
- Ladder/tool/hose maintenance
- Fire hose
- Fire appliances
- Fire streams

Major Outcomes:

- To understand and demonstrate Firefighter I skills

Fire Fighter 2 Internship

Course Number: 1361

Grade: 12

Credits: 2 (two-hour course)

Type: Trimester; Elective - 2 hours / 2 credits.

Prerequisite: Grade of C or higher in Fire Fighter 1.

Fees: EMT uniform required for clinical experiences, own transportation, Fire Fighter 2 and Hazardous Materials Operations testing fees (if pursued).

Possible Certifications:

- Minnesota Firefighter 2
- Minnesota Hazmat Operations Certifications

Unit includes Fire Fighter 2 training:

- Incident report writing
- Fire suppression – Flammable liquids and gases
- Fire ground command (ICS)
- Evidence preservation
- Vehicle extrication
- Assisting a technical rescue team
- Pre-incident survey
- Fire equipment maintenance
- Fire hose testing
- Fire safety survey (Prevention)
- Fire safety presentation (Prevention)

Major Outcomes:

- To understand and demonstrate Firefighter 2 skills
- To become a viable candidate for hiring as a certified State of Minnesota fire fighter.

Emergency Medical Lab/Service Learning: Available through EMR, EMT1, EMT2 and Internship

Course Number: See Dean

Grades: 11, 12

Credit: 1 (concurrent with Emergency Medical class)

Course Requirements: 40 lab/service hours, and five patient contacts are required per course.

Emergency Medical Responder, Emergency Medical Technician 1 & 2 and Medical Internship students will have the opportunity to acquire additional elective credit while being concurrently enrolled in an Emergency Medical course. Lab class is offered up to two days per week after school. Multiple opportunities to obtain actual patient experience with hands-on learning are offered at a variety of clinical venues including the Twin Cities Marathon, Spring Lake Park varsity football games and more. Additional experiences will take place in community and athletic events and potentially police and fire department ride-along as well as the fall and spring EMS retreat experience. Students will be awarded the additional credit at the end of trimester if criteria have been met. Students have the opportunity to earn Service Learning credit for each Emergency Medical taken.

Physical Education & Health

Health

Course Number: 1401

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Required course

This course is a general study of individual and community health. Units covered in this course include consumer/ community health, nutrition, healthy sexual development, mental/emotional health and addiction studies with a chemical/drug use emphasis.

Health - Online

Course Number: 1403

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Required course – Online Version

This course is a general study of individual and community health. Units covered in this course include consumer/ community health, nutrition, healthy sexual development, mental/emotional health and addiction studies with a chemical/drug use emphasis.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Service Learning for Healthy Communities

Course Number: 1430

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Elective

This Health elective course will be an active education experience. While helping the surrounding community, you will be able to learn how to take responsibility for improving the quality of life for you personally and for others in your community. You will do meaningful community service with instruction and reflection to enrich your learning experience. This course will take place off-site at times. It may also help when applying for colleges, scholarships or jobs- showing that you have done some volunteer work in the community.

Health & Sport Performance

Course Number: 1370/1371/1372

Grades: 11, 12

Credits: 3 high school credits; meets required Health credit, meets 2nd PhyEd credit requirement, includes elective PhyEd credit option for 4 college credits for HPER 1120 at Anoka-Ramsey Community College

Type: Full Year

Prerequisite: Foundations of Fitness

This year-long course is designed for students who may want to pursue a career related to health, wellness, or sports. It includes high school requirements for health, one requirement for physical education and one elective option in physical education while also allowing students to gain 4 college

credits in health and physical education. The course will cover content in individual and community health, including nutrition, healthy sexual development, mental/emotional health and addiction.

Students will work toward achieving individual fitness goals and must be able to participate in regular aerobic exercise. Students will develop skills to assess their current wellness levels and be able to develop a plan to positively enhance their personal health and fitness status.

Students will have shadowing and other opportunities in sport and health-related fields, such as physical therapy, athletic training, exercise physiology, occupational therapy, sports management, and sports psychology. Fitness labs will take place at the high school and National Sports Center.

If taking the course for college credit, eligibility requirements are as follows:

- 11th grade: Top 1/3 in class rank or 3.5 G.P.A. plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading
- 12th grade: Top ½ in class rank or 3.0 G.P.A. plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading

Exercise Science

Course Number: 1373/1374

Grades: 12

Credits: 2 high school elective credits

Type: 2 trimesters

Prerequisite: Health & Sport Performance

Post-Secondary Connection: Option for 2 college credits for HPER 1205 at Anoka-Ramsey Community College

This course is designed to take a broad-based look at the field of Exercise Science. We will explore not only the historical and philosophical foundations of the field of exercise science, but also look into career exploration that surrounds this field of study. It is designed to introduce students to all aspects of Exercise Science. Students will also have an internship opportunity embedded into the course.

If taking the course for college credit, eligibility requirements are as follows:

- 11th grade: Top 1/3 in class rank or 3.5 G.P.A. plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading
- 12th grade: Top ½ in class rank or 3.0 G.P.A. plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading

Foundations of Fitness

Course Number: 1410

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Required course

Students will be introduced to health-related fitness concepts (muscular strength & endurance, cardiovascular fitness, body composition, and flexibility) and activities to promote fitness. Individual

and team-centered activities will be used to develop fitness as well as learn and reinforce skills, strategies, teamwork, and sportsmanship. Students will evaluate personal fitness for strengths and areas of need.

Foundations of Fitness - Online

Course Number: 1412

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Required course – Online Version

Students will be introduced to health-related fitness concepts (muscular strength & endurance, cardiovascular fitness, body composition, and flexibility) and activities to promote fitness. Individual and team-centered activities will be used to develop fitness as well as learn and reinforce skills, strategies, teamwork, and sportsmanship. Students will evaluate personal fitness for strengths and areas of need.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Fit for Life

Course Number: 1413

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Meets 2nd Phy Ed credit requirement.

Students will continue to develop skills, knowledge and strategies through a variety of individual and team-centered lifetime activities. Recreational and lifetime activities are included in this course. Strength training and aerobic exercise will be incorporated to promote personal fitness. Students will evaluate personal fitness and set fitness goals.

Fit for Life - Online

Course Number: 1414

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Meets 2nd Phy Ed credit requirement- Online Version

Students will continue to develop skills, knowledge and strategies through a variety of individual and team-centered lifetime activities. Recreational and lifetime activities are included in this course. Strength training and aerobic exercise will be incorporated to promote personal fitness. Students will evaluate personal fitness and set fitness goals.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Team - Fall

Course Number: 1420

Grades: 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Successful completion of required Phy Ed credits.

This is a co-ed class for juniors and seniors who have the skill, knowledge and desire to compete in team-based activities at a higher level. Possible Activities: Fall – Razzle Football, Tennis, Volleyball and Softball.

Team - Winter

Course Number: 1421

Grades: 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Successful completion of required Phy Ed credits

This is a co-ed class for juniors and seniors who have the skill, knowledge and desire to compete in team-based activities at a higher level. Possible Activities: Winter – Basketball, Floor Hockey, Badminton & Volleyball.

Team - Spring

Course Number: 1422

Grades: 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Successful completion of required Phy Ed credits

This is a co-ed class for juniors and seniors who have the skill, knowledge and desire to compete in team-based activities at a higher level. Possible Activities: Spring – Team Handball, Speedball, Tennis & Soccer.

Beginning Weight Training

Course Number: 1423

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Meets 2nd Phy Ed credit requirement

Prerequisite: Successful completion of Foundations of Fitness

Students should be interested in developing strength & speed. Students will be introduced to speed development exercises and strength training. Proper lifting techniques, training principles and safety will be stressed. Students will follow pre-designed lifting routines to improve strength, speed & explosiveness.

Weights for Women 1

Course Number: 1431

Grades: 10, 11, 12

Credit: 1

Type: Trimester; Meets 2nd Phy Ed credit requirement

Prerequisite: Successful completion of Foundations of Fitness

This is a female only course for those interested in learning about strength training. Students

will be introduced to strength training and speed development exercises. Proper lifting techniques, training principles and safety will be stressed. Students will follow pre-designed lifting routines to improve strength and speed.

Weights for Women 2

Course Number: 1432

Grades: 11, 12

Credit: 1

Type: Trimester

Prerequisite: Successful completion of Weights for Women 1 or Beginning Weight Training.

This is a female only course for those interested in learning about strength training. Students will expand on what they learned in Weights for Women 1 or Beginning Weight Training. Students will participate in strength training and speed development exercises, daily challenges, as well as develop their own workouts. Proper lifting techniques, training principles and safety will be stressed.

Intermediate Weight Training - Fall

Course Number: 1424

Grades: 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Beginning Weight Training

In this class, the emphasis is on strength development and overall fitness. Students work with the instructor on a pre-designed computer workout. Agility training, speed development, and flexibility are emphasized in addition to strength development. This class may not be substituted for a required Phy Ed credit.

Intermediate Weight Training - Winter

Course Number: 1425

Grades: 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Beginning Weight Training

In this class, the emphasis is on strength development and overall fitness. Students work with the instructor on a pre-designed computer workout. Agility training, speed development, and flexibility are emphasized in addition to strength development. This class may not be substituted for a required Phy Ed credit.

Intermediate Weight Training - Spring

Course Number: 1426

Grades: 11, 12

Credit: 1

Type: Trimester; Elective

Prerequisite: Beginning Weight Training

In this class, the emphasis is on strength development and overall fitness. Students work with the instructor on a pre-designed computer workout. Agility training, speed development, and flexibility are emphasized in addition to strength development. This class may not be substituted for a required Phy Ed credit.

Advanced Weight Training

Course Number: 1427/1428/1429

Grade: 12

Credits: 3

Type: Full Year; Register for all three trimesters

Prerequisite: Intermediate Weight Training

This course is recommended for varsity athletes, and serious lifters. This class enhances the body's flexibility, agility, speed, and quickness. Proper nutrition, plyometric and advanced lifting techniques are taught.

Lifetime Outdoor Adventures: (Fall/Spring)

Course Number: 1433

Grades: 11, 12

Credit: 1

Type: Trimester; Elective (Meets 2nd PE requirement)

Prerequisite: Successful completion of required Phy Ed credits

In this class, students will experience various indoor and outdoor activities, enhance fitness levels, develop appreciation for the outdoors, acquire leadership skills and will learn to understand the importance of physical activity as it relates to a healthy lifestyle. Activities could include: golf, rock climbing, canoeing, orienteering, court sports, fishing, biking, inline skating, hiking and disc golf.

Lifetime Outdoor Adventures: (Winter)

Course Number: 1434

Grades: 11, 12

Credit: 1

Type: Trimester; Elective (Meets 2nd PE requirement)

Prerequisite: Successful completion of Foundations of Fitness

In this class, students will experience various indoor and outdoor activities, enhance fitness levels, develop appreciation for the outdoors, acquire leadership, survival, and outdoor skills and will learn to understand the importance of physical activity as it relates to a healthy lifestyle. Activities will include: Snowshoeing, nordic skiing, ice fishing, Winter camping, hiking, & shelter building. Some of the indoor/outdoor games include floor/boot hockey, snow football/soccer, curling and golf. You must enjoy going outside in the winter to be successful in this course. This course will also include fitness, strength, and cardio training to increase performance for outdoor activities.

Language Arts

Language Arts 9

Course Numbers: 1100/1101/1102

Grade: 9

Credits: 3

Type: Full Year; Required course - register for all three trimesters

Language Arts 9 allows students to explore many themes in literature by reading and analyzing short stories, non-fiction, poetry, drama and novels. The ability to analyze literature and support ideas with specific, relevant proof is stressed throughout the course. Students will continue to develop their writing skills.

Language Arts 9 Concepts

Course Number: By Recommendation

Grade: 9

Credits: 3 Language Arts credits

Type: Full Year; Covering concepts in language arts and supporting students through individualized interventions focused on accelerating literacy skills. Registration by Dean/ Administrator placement.

The course meets the requirements for 9th grade Language Arts and delivers traditional language arts content using a highly personalized approach designed to accelerate students' literacy skills. The course has a strong focus on the development of literacy skills such as, but not limited to, comprehension, writing in response to a text, fluency instruction, the use of word parts such as prefixes, suffixes, and root words to figure out the meaning of unknown words. These interventions ensure that students meet and exceed the grade level targets and skills necessary to be successful in future courses.

Honors Language Arts 9

Course Numbers: 1103/1104/1105

Grade: 9

Credits: 3

Type: Honors credits; Full Year; Required – register for all three trimesters

Honors Language Arts 9 parallels the LA 9 course by exploring similar themes and selections. The ability to evaluate literature and support ideas with specific, relevant proof is stressed throughout the course. Enrichment activities include challenging reading selections and exercises in analytical and critical thinking. Students demonstrate mastery of learning targets via trimester-length projects and develop writing skills. There is an expectation that each student enrolled in this course will read *The Secret Life of Bees* by Sue Monk Kidd over the summer and complete the related assessment. The books will be issued by English teachers at the end of eighth grade.

Note: Students are advised to consult with an English teacher before registering. To be successful in this course, students will demonstrate excellent comprehension while independently reading, use knowledge of academic writing skills and sentence structures, and work independently both in and out of school. Summer reading list is to be completed before the start of course.

Language Arts 10

Course Numbers: 1110/1111/1112

Grade: 10

Credits: 3

Type: Full Year; Required course - register for all three trimesters

Prerequisite: Language Arts 9

Language Arts 10 focuses on the themes of choices, heroes, and identity. Students explore these themes in literature by reading short stories, non-fiction, poetry, drama, and novels. The course also features a technical reading and writing unit, a creative writing unit, and an independent research paper unit - all of which are intended to best prepare students for the 11th and 12th grade curriculum.

Language Arts 10 - Hybrid

Course Numbers: 1150/1151/1152

Grade: 10

Credits: 3

Type: Full Year; Required course - register for all three trimesters – Hybrid

Prerequisite: Language Arts 9

Language Arts 10 focuses on the themes of choices, heroes, and identity. Students explore these themes in literature by reading short stories, non-fiction, poetry, drama, and novels. The course also features a technical reading and writing unit, a creative writing unit, and an independent research paper unit - all of which are intended to best prepare students for the 11th and 12th grade curriculum. The Hybrid format will have two-three days of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

Language Arts 10 - Online

Course Numbers: 1153/1154/1155

Grade: 10

Credits: 3

Type: Full Year; Required course - register for all three trimesters – Online Version

Prerequisite: Language Arts 9

Language Arts 10 focuses on the themes of choices, heroes, and identity. Students explore these themes in literature by reading short stories, non-fiction, poetry, drama and novels. The course also features a technical reading and writing unit, a creative writing unit, and an independent research paper unit - all of which are intended to best prepare students for the 11th and 12th grade curriculum.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Language Arts 10 Concepts

Course Number: By Recommendation

Grade: 10

Credits: 3 Language Arts credits

Type: Full Year; Covering concepts in language arts and supporting students through individualized interventions focused on accelerating literacy skills. Registration by Dean/Administrator placement.

The course meets the requirements for 10th grade Language Arts and delivers traditional language arts content using a highly personalized approach designed to accelerate students literacy skills. The course has a strong focus on the development of literacy skills such as, but not limited to, comprehension, writing in response to a text, fluency instruction, the use of word parts such as prefixes, suffixes, and root words to figure out the meaning of unknown words. These interventions ensure that students meet and exceed the grade level targets and skills necessary to be successful in future courses.

Honors Language Arts 10

Course Numbers: 1113/1114/1115

Grade: 10

Credits: 3

Type: Honors credits; Full-year; Required - register for all three trimesters

Students in this course demonstrate excellent comprehension while independently reading and the ability to do a large amount of work independently both in and out of school. Honors Language Arts 10 parallels Language Arts 10 by exploring similar themes and selections. The course provides acceleration and enrichment to meet the needs of students who grasp concrete material quickly and who benefit from greater intellectual challenges. Enrichment activities include additional reading assignments, exercises in critical and analytical thinking and projects that require demonstration of mastery of the course content through application. There is an expectation that each student enrolled in this course will read *To Kill a Mockingbird* by Harper Lee over the summer and complete the related assessment. The books will be issued by English teachers at the end of 9th grade.

Note: A grade of C or better in HLA9; B or better in LA9 is highly recommended. Summer reading is to be completed before the start of course. Students are advised to consult with an English teacher before registering.

Reading & Writing in the Digital Age

Course Number: 1176/1177/1178

Grades: 10, 11, 12

Credits: 3, option for Honors English Language Arts

Type: Full Year; Required- register for all three trimesters

Students will learn differently and explore a variety of perspectives with Reading & Writing in the Digital Age. Media Literacy, social media, social justice, digital media communications, website creation, viral videos, escape rooms, and e-sports are some of the ways students will learn about communications, problem solving and becoming a critical consumer. Students will also examine texts and language through the lens of technology and its impact on the way we write, speak, and learn information. Students will also gain the necessary skills of public speaking, small-group communication and presentation of research as part of this class. Using nonfiction and fiction texts,

students will engage in discussion and analysis of human communication in today's modern world. Students have the option to take this course as a general or honors course.

Language Arts 11

Course Numbers: 1120/1121/1122

Grade: 11

Credits: 3

Type: Full year; Required - register for all three trimesters.

Prerequisite: Language Arts 10

This course will focus on the analysis of the distinctive features of the writing produced by various major American writers from the 1700's to the later 1900's and examine the historical period and literary movements that influenced them. Additionally, students will develop an understanding of both basic communication principles and public speaking strategies by applying these concepts to a variety of speeches.

Language Arts 11 - Hybrid

Course Numbers: 1162/1163/1164

Grade: 11

Credits: 3

Type: Full year; Required - register for all three trimesters. - Hybrid

Prerequisite: Language Arts 10

This course will focus on the analysis of the distinctive features of the writing produced by various major American writers from the 1700's to the later 1900's and examine the historical period and literary movements that influenced them. Additionally, students will develop an understanding of both basic communication principles and public speaking strategies by applying these concepts to a variety of speeches. The Hybrid format will have two-three days a week of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

Language Arts 11 - Online

Course Numbers: 1156/1157/1158

Grade: 11

Credits: 3

Type: Full year; Required - register for all three trimesters – Online Version

Prerequisite: Language Arts 10

This course will focus on the analysis of the distinctive features of the writing produced by various major American writers from the 1700's to the later 1900's and examine the historical period and literary movements that influenced them. Additionally, students will develop an understanding of both basic communication principles and public speaking strategies by applying these concepts to a variety of speeches.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Honors Language Arts 11

Course Numbers: 1123/1124/1125

Grade: 11

Credits: 3

Type: Honors credits; Full year, register for all three trimesters

Students in the course will explore the writing of selected American authors from the 19th century through the 20th century and will be provided with an accelerated and enriched curriculum. Enrichment activities include research and literary analysis, and the study of additional literary selections. Additionally, students will develop an understanding of both basic communication principles and public speaking strategies by applying these concepts to a variety of speeches. Students will engage in the analysis of great speeches, the exploration of rhetoric and development of peer evaluation skills. There is an expectation that each student enrolled in this course will read *Narrative of the Life of Frederick Douglass* over the summer and complete the related assessment. The books will be issued by English teachers at the end of 10th grade.

Note: Three terms of Honors Language Arts 11 will fulfill all academic requirements for 11th grade students. A grade of C or better in Honors Language Arts 10; B or better in Language Arts 10 is recommended. Summer reading list is to be completed before the start of the course.

AP English Language and Composition

Course Numbers: 1126/1127/1128

Grade: 11

Credits: 3

Type: Honors credits; Full year, register for all three trimesters.

Post-Secondary Connection: College credit is possible upon completion of and earning a 3 or more on the AP exam in May.

The AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g., vocabulary, diction, syntax, spelling, punctuation, paragraphing, genre). There is an expectation that students will read *Into the Wild* by Jon Krakauer in the summer before 11th grade.

Note: A grade of A or B in Honors level English 10 is highly recommended. Students should be capable and willing readers and have good working vocabulary. Summer reading list will be completed before the start of this course. Three terms of AP English will fulfill all academic requirements for 11th grade students.

English Research & Communication (Hybrid course)

Course Numbers: 1173/1174/1175

Grades: 11, 12

Credits: 3 credits; option for 3 college credits in CMST 1110 at Anoka-Ramsey Community College

Type: Full Year, required, two-hour block to include Marketing & Entrepreneurship, register for all three trimesters

Post-Secondary Connection: Option for 3 college credits in CMST 1110 at Anoka-Ramsey Community College

**This class is part of a larger Business & Innovation course. Students who register for this as their English Language Arts class will automatically be registered for the Marketing & Entrepreneurship class.*

Students will earn a full-year of elective business credit in the Marketing & Entrepreneurship class and earn one of their required English Language Arts credits in the English Research & Communication course. The class will operate in a double-block to allow flexibility for each day so students can engage in company projects, travel to local businesses, and participate in field experiences. In the past, students worked on company projects with partners such as National Sports Center, Urban Air, Infinite Campus and Rise nonprofit. This class will follow a hybrid model, meeting face-to-face on Mondays, Wednesdays and Fridays, allowing for online or project learning on Tuesdays and Thursdays.

In Marketing & Entrepreneurship, students will learn advanced marketing concepts and an approach to entrepreneurship that emphasizes design thinking and the "lean startup" model. In the first half of the year, students will work in teams on real consulting projects for local companies. In the second half of the year, students will create a business plan and participate in a shark-tank style entrepreneurship competition for an idea, product, or service.

In English Research & Communication, students are introduced to fundamental elements and models of communication, basic theory, interpersonal communication, small group communication and public speaking. Students will study persuasion, cultural competency, professional communication and read both fiction and nonfiction texts relevant to global communication, research and leadership.

If taking the course for college credit, eligibility requirements are as follows:

- 11th grade: Top 1/3 in class rank or 3.5 GPA plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading
- 12th grade: Top 1/2 in class rank or 3.0 GPA plus 1047 on MCA reading OR 54 on Accuplacer Reading Assessment OR 21 on ACT Reading

Language Arts 12 A & B

Course Numbers: 1130/1131

Grade: 12

Credits: 2

Type: Register 12A & 12B and an elective

Prerequisite: Language Arts 11

Students will explore works of fiction and non-fiction drawn from various sources of world literature. Students will read and think critically about each work as they prepare to respond in writing and engage in class discussion. A large component of this course is the production of a variety of written works in preparation for post-graduation writing demands. Students will work independently, with the instructor, and with one another to become more confident, skillful readers and writers.

Language Arts 12 A, B & C- Online

Course Numbers: 1159/1160/1161

Grade: 12

Credits: 2

Type: Full Year; register for all three trimesters

Prerequisite: Language Arts 11

Students will explore works of fiction and non-fiction drawn from various sources of world literature. Students will read and think critically about each work as they prepare to respond in writing and engage in class discussion. A large component of this course is the production of a variety of written works in preparation for post-graduation writing demands. Students will work independently, with the instructor, and with one another to become more confident, skillful readers and writers.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

College Writing and Critical Reading - ARCC

Course Numbers: 1133/1134/1135

Grade: 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: This class is for seniors only – Class rank in the upper one-half of their class or 3.0 GPA and score of 18 on the English portion of the ACT or 78 on the Accuplacer Reading assessment are required for enrollment.

Post-Secondary Connection: This is an Anoka Ramsey Community College course taught at Spring Lake Park High School. Students will earn four credits for 1121 College Writing and Critical Reading upon successful completion. This course helps fulfill Minnesota Transfer Curriculum Goal 1a and 2, Communication and Critical Thinking. Students must enroll for both high school and college credit. Students must meet concurrent enrollment eligibility standards to take this class.

This course provides extended practice in critical reading, writing, and thinking. Course content includes the writing process, essential composition skills and critical reasoning in various rhetorical situations. The course requires effectively reasoned and supported essays including an argumentative research paper. Students in this course will explore fiction and non-fiction texts, are expected to think critically and respond in both formal and informal modes of expression and are required to complete much of their work independently to meet deadlines.

AP English Literature and Composition

Course Numbers: 1136/1137/1138

Grade: 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Post-Secondary Connection: College credit is possible upon completion of and earning a 3 or more on the AP exam in May.

The AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such

smaller-scale elements as the use of figurative language, imagery, symbolism and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. There is an expectation that students will read *Invisible Man* by Ralph Ellison in the summer before 12th Grade.

Note: A grade of A or B in Honors-level course or an A or A- in previous English classes is highly recommended. Students should be capable and willing readers and have a good working vocabulary. Summer reading list is to be completed before the start of course.

Contemporary Literature

Course Number: 1140

Grade: 12

Credit: 1

Type: Trimester; meets senior English elective requirement

Contemporary Literature will allow students to explore a variety of recently written fiction, nonfiction, and poetry and analyze these works for a variety of purposes. Students will also write formal and informal responses to the literature in the course.

Creative Writing

Course Number: 1141

Grade: 12

Credit: 1

Type: Trimester; meets senior English elective requirement

Creative Writing will introduce students to basic techniques and structures of poetry, fiction, and creative non-fiction, and will provide them with the opportunity to write their own short works. Students will analyze short stories, poems, and essays as models for their own creative writing.

Film Studies

Course Number: 1142

Grade: 12

Credit: 1

Type: Trimester; meets senior English elective requirement.

Film Studies focuses on the fundamentals of film language, theories, techniques, and genre. Students analyze realistic, classic, and formalistic films. Students will learn the basics of video editing and produce a short project, like a commercial.

Note: This course is not approved for NCAA requirements for Division 1 and 2 athletes.

Theatre

Course Number: 1144

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Meets Fine Art elective; does not meet senior English elective requirement

Theater gives students an opportunity to gain skills, confidence, and fluency in public performance. Students also have the opportunity to learn other skills such as choreography, costume and set design, and technical skills (sounds and lighting).

Note: This course is not approved for NCAA requirements for Division 1 and 2 athletes.

Mathematics

Quadratic Algebra

Course Numbers: 1200/1201/1202

Grade: 9

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: Middle School Algebra

This course is a continuation of the Algebra course started in 8th grade that delivers traditionally rigorous algebraic content using a problem-based approach. It has strong threads woven throughout the course on multiple representations and the meaning of a solution. A major focus of the course is to develop multiple strategies to solve problems and to recognize multiple ways of understanding concepts, especially as it pertains to quadratic and exponential functions. Students will also maintain knowledge of linear functions gained in Linear Algebra.

Quadratic Algebra Concepts

Course Numbers: By Recommendation

Grade: 9

Credits: 6 (3 Math and 3 Elective)

Type: Full Year; Covering concepts in algebra and supporting students through individualized math interventions. Registration by Dean/Administrator placement.

This is a two-part course. The course is a continuation of the Algebra course started in 8th grade that delivers traditional algebraic content using a problem-based approach. It has strong threads woven throughout the course on multiple representations and the meaning of a solution. A major focus of the course is to develop multiple strategies to solve problems and to recognize multiple ways of understanding concepts, especially as it pertains to quadratic and exponential functions. Students will also maintain knowledge of linear functions gained in Linear Algebra. In part two of this course, students will focus on innovative problem-solving techniques.

Geometry

Course Numbers: 1203/1204/1205

Grades: 10

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: Quadratic Algebra or Quadratic Algebra Concepts

The course is structured around problems and investigations that build spatial visualization skills, conceptual understanding of geometry topics, and an awareness of connections between different ideas. It emphasizes several big ideas in an integrated algebra/geometry context. The key concepts addressed in this course are: logical reasoning, symmetry, transformations, characteristics of shapes, congruence, similarity, Pythagorean Theorem, perimeter, area, volume, and right triangle trigonometry.

Geometry - Hybrid

Course Numbers: 1280/1281/1282

Grades: 10

Credits: 3

Type: Full Year; register for all three trimesters – Hybrid

Prerequisite: Quadratic Algebra or Quadratic Algebra Concepts

The course is structured around problems and investigations that build spatial visualization skills, conceptual understanding of geometry topics, and an awareness of connections between different ideas. It emphasizes several big ideas in an integrated algebra/geometry context. The key concepts addressed in this course are: logical reasoning, symmetry, transformations, characteristics of shapes, congruence, similarity, Pythagorean Theorem, perimeter, area, volume, and right triangle trigonometry. The Hybrid format will have two-three days of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

Geometry - Online

Course Numbers: 1283/1284/1285

Grades: 10

Credits: 3

Type: Full Year; register for all three trimesters – online version

Prerequisite: Quadratic Algebra or Quadratic Algebra Concepts

The course is structured around problems and investigations that build spatial visualization skills, conceptual understanding of geometry topics, and an awareness of connections between different ideas. It emphasizes several big ideas in an integrated algebra/geometry context. The key concepts addressed in this course are: logical reasoning, symmetry, transformations, characteristics of shapes, congruence, similarity, Pythagorean Theorem, perimeter, area, volume and right triangle trigonometry.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Geometry Concepts

Course Numbers: By Recommendation

Grades: 10, 11, 12

Credits: 3 Math credits

Type: Full Year; covering concepts in geometry and supporting students through individualized math interventions. Registration by Dean/Administrator placement.

The course parallels the curriculum and targets that are taught in Geometry course. This course is also structured around problems and investigations that build spatial visualization skills, conceptual understanding of geometry topics, and an awareness of connections between different ideas. It emphasizes several big ideas in an integrated algebra/geometry context. The key concepts addressed in this course are: logical reasoning, symmetry, transformations, characteristics of shapes, congruence, similarity, Pythagorean Theorem, perimeter, area, volume, and right triangle trigonometry. In this course, students will focus on innovative problem-solving techniques.

Honors Geometry

Course Numbers: 1252/1253/1254

Grades: 9

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Honors Geometry covers the same targets as Geometry but explores the concepts at a deeper level. This course is designed for students who are planning on becoming future scientist and mathematicians. Like Geometry, the course is structured around problems and investigations that build spatial visualization skills, conceptual understanding of geometry topics, and an awareness of connections between different ideas. In this course the students are encouraged to investigate, conjecture, and then prove, to develop their reasoning skills.

Note: It is recommended that students earn a B or higher in Quadratic Algebra.

Algebra 2

Course Numbers: 1206/1207/1208

Grades: 11, 12

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: Geometry or Geometry Concepts

The course is structured around problems and investigations that build conceptual understanding of algebra topics. Students become comfortable with using general equations to represent functions and relations as well as with interpreting general equations to describe a situation. In particular, they develop the connections between and among the various core ideas of the course. Students are encouraged to investigate, form conjectures, and then justify their thinking to develop their reasoning skills.

Algebra 2 + Trigonometry- Hybrid

Course Numbers: 1238/1239/1240

Grades: 9, 10, 11,12

Credits: 3

Type: Full Year; register for all three trimesters - Hybrid

Prerequisite: Geometry

This course includes all content and concepts taught in Algebra 2, but at a faster pace to allow for units on the study of trigonometry. The course is structured around problems and investigations that build conceptual understanding of algebra topics. Students become comfortable with using general equations to represent functions and relations as well as with interpreting general equations to describe a situation. In particular, they develop the connections between and among the various core ideas of the course. Students are encouraged to investigate, form conjectures, and then justify their thinking to develop their reasoning skills. Students will study circle trigonometry and learn basics needed for work in Pre-Calculus. The Hybrid format will have two-three days of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

Algebra 2 + Trigonometry

Course Numbers: 1209/1210/1211

Grades: 9, 10, 11,12

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: Geometry

This course includes all content and concepts taught in Algebra 2, but at a faster pace to allow for units on the study of trigonometry. The course is structured around problems and investigations that build conceptual understanding of algebra topics. Students become comfortable with using general equations to represent functions and relations as well as with interpreting general equations to describe a situation. In particular, they develop the connections between and among the various core ideas of the course. Students are encouraged to investigate, form conjectures, and then justify their thinking to develop their reasoning skills. Students will study circle trigonometry and learn basics needed for work in Pre-Calculus.

Algebra 2 + Trigonometry - Online

Course Numbers: 1286/1287/1288

Grades: 10, 11,12

Credits: 3

Type: Full Year; register for all three trimesters – online version

Prerequisite: Geometry

This course includes all content and concepts taught in Algebra 2, but at a faster pace to allow for units on the study of trigonometry. The course is structured around problems and investigations that build conceptual understanding of algebra topics. Students become comfortable with using general equations to represent functions and relations as well as with interpreting general equations to describe a situation. In particular, they develop the connections between and among the various core ideas of the course. Students are encouraged to investigate, form conjectures, and then justify their thinking to develop their reasoning skills. Students will study circle trigonometry and learn basics needed for work in Pre-Calculus.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

College Algebra - ARCC

Course Numbers: 1270/1271/1272

Grades: 11,12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: Algebra 2 + Trigonometry with a recommended grade of B or better, or with math teacher recommendation. Student will also need a minimum score on the Accuplacer (50), ACT (20), or MCA (1158).

Post-Secondary Connection: This is an Anoka Ramsey Community College course taught at Spring Lake Park High School. Students will earn three credits for MATH 1200 -- College Algebra I, upon successful completion. This course helps fulfill Minnesota Transfer Curriculum 4, Mathematical/Logical Reasoning. Students may enroll for both high school and college credit. If students want to earn Anoka Ramsey Community College credit, they must meet concurrent

enrollment eligibility standards to take this class.

Topics include functions and function inverses; exponential and logarithmic functions; polynomial and simple rational functions; introduction to linear programming; systems of equations and inequalities; sequences and series; probability; and modeling. Recommended skills, abilities, or coursework: The completion of two years of high school algebra and one year of high school geometry is recommended.

Pre-Calculus

Course Numbers: 1212/1213/1214

Grade: 10, 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters.

Prerequisite: Algebra 2 + Trigonometry

This course is designed to prepare college-bound students for a first course in calculus. The course develops basic understandings and manipulative skills that are essential for a study of calculus.

Note: Students should have completed Algebra 2 + Trigonometry with a recommendation of B average or higher.

Pre-Calculus – Online

Course Numbers: 1289/1290/1291

Grade: 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters – online version

Prerequisite: Algebra 2 + Trigonometry

This course is designed to prepare college-bound students for a first course in calculus. The course develops basic understandings and manipulative skills that are essential for a study of calculus.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

AP Calculus

Course Numbers: 1215/1216/1217

Grades: 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: Pre-Calculus

Post-secondary Connection: College credit possible upon successful completion of the AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board. These can be found at the College Board website at www.collegeboard.org.

Calculus is designed for the highly advanced math student. It is a very desirable course for college-bound students, particularly those interested in a technical science or business career. At the end of this course students will have the opportunity to take the AP exam.

Note: It is recommended that students complete Pre-Calculus with a minimum of a C average.

AP Calculus – Online

Course Numbers: 1292/1293/1294

Grades: 11, 12

Credits: 3

Type: Full Year; register for all three trimesters – online version

Prerequisite: Pre-Calculus

Post-secondary Connection: College credit possible upon successful completion of the AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board. These can be found at the College Board website at www.collegeboard.org.

Calculus is designed for the highly advanced math student. It is a very desirable course for college-bound students, particularly those interested in a technical science or business career. At the end of this course students will have the opportunity to take the AP exam.

Note: It is recommended that students complete Pre-Calculus with a minimum of a C average. This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

AP Advanced Calculus

Course Numbers: 1218/1219/1220

Grade: 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters.

Prerequisite: AP Calculus A and B

Post-secondary Connection: College credit available upon successful completion of the AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board. These can be found at the College Board website at www.collegeboard.org.

Advanced Calculus is designed to prepare students for the AP calculus examination (part BC). The year begins with a review of Calculus AB topics and then continues into the study of parametric and polar functions, sequences and series, and Taylor polynomials.

Note: It is recommended that students complete AP Calculus with a minimum of a B average.

AP Statistics

Course Numbers: 1221/1222/1223

Grades: 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: Algebra 2/Trig

Post-secondary Connection: College credit possible upon successful completion of the AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board. These can be found at the College Board website www.collegeboard.org.

This course is for students who have completed their math requirements for graduation and are looking to continue their study of mathematics beyond what is required. Students in this class are likely considering a four-year college degree in the areas such as business, science, or psychology. At

the end of this course students will have the opportunity to take the AP exam. This course is not recommended for students who earned less than a B- in Algebra II/Trig.

Note: It is recommended that students complete all three core courses (Alg. 1, Geom., and Alg. 2) with a C average or higher.

Probability

Course Number: 1230

Grades: 11, 12

Credit: 1

Type: Trimester; elective

Prerequisite: Algebra 2

This course will cover topics such as general counting techniques (fundamental counting, principle, factorial, permutation, combination, and tree diagram), experimental probability, conditional probability, multiplication and addition rules for probability, Baye's Theorem, discrete probability distributions and measures of variability.

Probability - Online

Course Number: 1295

Grades: 11, 12

Credit: 1

Type: Trimester; elective – online version

Prerequisite: Algebra 2

This course will cover topics such as general counting techniques (fundamental counting, principle, factorial, permutation, combination, and tree diagram), experimental probability, conditional probability, multiplication and addition rules for probability, Baye's Theorem, discrete probability distributions and measures of variability.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Statistics

Course Number: 1231

Grades: 11, 12

Credit: 1

Type: Trimester; elective

Prerequisite: Algebra 2

This course will introduce topics in statistical studies including displays of data (bar charts, line graphs, dot plots, cumulative frequency distributions, etc.), measures of central tendency and measures of variability. Statistical inference including confidence intervals and z and t tests will be covered.

Statistics – Online

Course Number: 1296

Grades: 11, 12

Credit: 1

Type: Trimester; elective – online version

Prerequisite: Algebra 2

This course will introduce topics in statistical studies including displays of data (bar charts, line graphs, dot plots, cumulative frequency distributions, etc.), measures of central tendency and measures of variability. Statistical inference including confidence intervals and z and t tests will be covered.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Trigonometry

Course Number: 1232

Grades: 11, 12

Credit: 1

Type: Trimester; elective

Prerequisite: Algebra 2

This course will cover topics including but not limited to right triangle trigonometry, the laws of Sine's and Cosines, the unit circle, graphs of basic trigonometric functions and their transformations as well as problem-solving using trigonometric ratios.

Trigonometry – Online

Course Number: 1297

Grades: 11, 12

Credit: 1

Type: Trimester; Elective – Online Version

Prerequisite: Algebra 2

This course will cover topics including but not limited to right triangle trig., the laws of Sine's, and Cosines, the unit circle, graphs of basic trigonometric functions and their transformations will be covered as well as problem-solving using trigonometric ratios.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Science

Physical Science

Course Numbers: 1500/1501/1502

Grade: 9

Credits: 3

Type: Full Year; register for all three trimesters

Physical Science is a course designed to introduce students to the basic concepts in Physics and Chemistry. Learning targets include the metric system, atomic structure, periodic table, chemical reactions, acids and bases waves, electricity and magnetism and Newton's laws of motion. Students will participate in labs, experiments and hands on activities.

Honors Physical Science

Course Numbers: 1503/1504/1505

Grade: 9

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Honors physical science is a course designed to introduce major concepts in Physics and Chemistry. This course is recommended for students with very strong math skills and a history of success in science. Learning targets include the metric system, atomic structure, periodic table, chemical reactions, acids and bases waves, electricity and magnetism, speed, acceleration, forces and Newton's laws of motion. Students will participate in labs, experiments, and hands-on activities. This course is for the highly motivated student with strong math skills.

Note: A grade of B or higher in 8th grade science and math is highly recommended.

Biology

Course Numbers: 1510/1511/1512

Grade: 10

Credits: 3

Type: Full Year; register for all three trimesters

Biology is a course designed to meet the MN State science standards. Course work will include: conducting scientific experiments, learning about cells-their parts, function, reproduction, transporting molecules, passing on genetic information, and obtaining and making energy. Biology will also include units on classification, ecology, behavior and animals systems. Each trimester will include a major project.

AP Biology

Course Numbers: 1513/1514/1515

Grades: 10, 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Post-secondary Connection: College credit is possible upon completion of and earning a 3 or more on the AP exam in May. This academically rigorous course follows the Advanced Placement guidelines designed by the College Board.

An extensive amount of reading in a college-level textbook is an essential part of the learning process. Students will need to be self-directed because it is not a traditional lecture-based class. This course is designed to be the equivalent of a typical college freshman Biology course. One to two hours of nightly homework will be necessary for success. Time in class is

spent cooperatively working on activities, vocabulary, and laboratory exercises to use and deepen understanding of the readings. After completing this course, students will have gained study and reading skills that will greatly benefit them in their college courses and may earn college credit by taking the AP exam.

Note: A grade of B or higher in Physical Science, math, and language arts is highly recommended.

Biology - Hybrid

Course Numbers: 1516/1517/1518

Grades: 10

Credits: 3

Type: Full Year, register for all three trimesters - Hybrid

Hybrid biology is a course designed to meet the MN State science standards. Course work will include: conducting scientific experiments, learning about cells-their parts, functions, reproduction, transporting molecules, passing on genetic information, and obtaining and making energy. Biology will also include units on classification, ecology, behavior and animals systems. Each trimester will include a major project. Hands-on labs and face-to-face lectures will also be included depending on the current content. It will have the same requirements and go at the same pace as general Biology. It is a more rigorous course than general biology and includes some concepts from AP biology. It is designed for students that are self-motivated and self-directed. The Hybrid Biology format will have two-three days a week of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

Chemistry

Course Numbers: 1520/1521/1522

Grades: 11, 12

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: Student should be concurrently enrolled in a High School Algebra 2 or higher math course.

General chemistry is a course designed to fulfill the third year of science requirement. It focuses on the behavior of matter. In addition to improving a student's chemistry knowledge, it also improves the student's ability to think critically, as well as the student's study habits and techniques. This is a problem solving, lab-oriented course for students. Although time will be given in class to complete work, mastery will require additional time spent outside of class.

Chemistry - Hybrid

Course Numbers: 1506/1507/1508

Grades: 11, 12

Credits: 3

Type: Full Year; register for all three trimesters - Hybrid

Prerequisite: Student should be concurrently enrolled in a High School Algebra 2 or higher math course.

General chemistry is designed to fulfill the third year of science requirement. It focuses on the behavior of matter. In addition to improving a student's chemistry knowledge, it also improves the student's ability to think critically, as well as improve study habits and techniques. The Hybrid format will have two-three days of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

Pre-AP Chemistry

Course Numbers: 1523/1524/1525

Grades: 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: Student should be concurrently enrolled in a High School Algebra 2 + Trig or higher math course.

This course is for those students who are planning on going to college; especially those planning on a technical, math, or science related career. This course covers all of the topics covered in General Chemistry but at a more rapid pace and includes additional content and a more detailed analysis of concepts and will prepare you for learning at the college level. This course is required to take AP chemistry the next year. This class is intended for the highly motivated student with strong math skills. Students will be challenged to think critically, work both cooperatively and independently, and solve problems in both lab and class work. A minimum of 30 minutes per day, outside of class, is expected. The main prerequisite for this course is that students should either have completed a high school algebra course with a “B” or better average or be concurrently enrolled in Algebra 2 + Trig. In order to be successful, students should have received a “B” or better average in both physical science and biology. It must be understood that this course moves at a rapid pace, requires strong algebra skills and will include nightly homework.

AP Chemistry

Course Numbers: 1526/1527/1528

Grade: 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: Pre-AP Chemistry & Algebra 2 + Trig

Post-secondary Connection: College credit possible upon successful completion of AP Exam.

This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board. This course is designed to be the equivalent of a typical freshman college chemistry course. Students should expect to put in a college-level effort to be successful. Successful completion of Honors Chemistry is required to take this course. This includes independent learning and practice in addition to what is covered and assigned in class. An extensive amount of work in a college-level text book and assignments will be required. Class time will be spent on lecture and laboratory practice. Students should expect four-five hours a week of homework and study to be successful in this rigorous course.

Note: In order to be successful in AP Chemistry, it is recommended that students have a B or better in both Algebra 2/Trig and Pre-AP Chemistry.

Applied Physics

Course Numbers: 1543/1544/1545

Grades: 11, 12

Credits: 3

Type: Full Year; register for all three trimesters; meets science requirement

Prerequisite: Student should be concurrently enrolled in a High School Algebra 2 or higher math course.

Applied Physics offers the subject matter of a traditional physics course but is designed to involve less mathematics than a traditional Physics course. The format includes lecture/ discussion, problem solving, computer simulation, and experimentation. There are also projects that demonstrate students' mastery of course materials. General areas of study will include force, motion, waves, light, sound, magnetism and electricity.

Physics

Course Numbers: 1530/1531/1532

Grades: 11, 12

Credits: 3

Type: Full Year; Register for all three trimesters; meets science requirement

Prerequisite: Student should be concurrently enrolled in a High School Algebra 2 or higher math course

Physics is a challenging course that will help students prepare for the rigor of college, as well as sharpen their critical thinking and problem-solving skills. Students who enroll in physics should be highly motivated to learn and prepared to work hard. Most four-year universities want their applicants to have completed four years of science, with physics typically being the fourth year course. Any student planning to continue their education beyond high school should strongly consider taking physics. The topics that will be covered in physics include mechanics (velocity and speed, acceleration, forces and Newton's Laws, work, energy and momentum), sound and light waves, electricity and magnetism. Class time will consist of example problems, discussions, demonstrations and laboratory activities.

AP Physics 1

Course Numbers: 1536/1537/1538

Grades: 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters; meets science requirement

Prerequisite: Completion of Algebra 2 + Trigonometry with a B average or higher is recommended.

Post-secondary Connection: College credit possible upon successful completion of AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board.

AP Physics prepares students for the Advanced Placement Physics I test. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Students who enroll in AP Physics should be highly motivated and prepared to work very hard, for it is a college level course in a difficult subject.

College Environmental Science - Hybrid

Course Numbers: 1540/1541/1542

Grades: 11, 12

Credits: 3

Type: Full Year; honors credits

Prerequisite: 3 years of high school science completed with a recommended minimum of a B average in the most recent or cumulative.

Post-secondary Connection: Successful completion of this course will result in four college credits from Bethel University.

This college course is an introduction to environmental studies, including interrelationships and interactions of humans with the natural environment in which they live. The focus will be the causes of and potential solutions to environmental problems like overpopulation; pollution of water, air, and soil; extinction of wildlife; and degradation of natural and human ecosystems are examined, using the science of ecology as a knowledge base. Many of the topics studied will revolve around the use, abuse, and care that we provide our earth. Students will develop a deeper understanding of their own responsibility towards stewardship of the earth through discussions and activities within this course. Students will employ their knowledge of foundational biology, chemistry, and physics to explore the factors effecting natural cycles, species interactions, populations, pollution, climate change, and the role that alternative energy plays in helping us move closer to being a green planet. The Hybrid Biology format will have two-three days a week of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

This course is worth four credits (course is three and lab is one) and both components are taken together. The grades from both portions will be averaged into one grade. Successful completion of this course will result in four college credits from Bethel University.

Social Studies

Human Geography + Civics

Course Numbers: 1600/1601/1602

Grade: 9

Credits: 3

Type: Full Year; register for all three trimesters

First and second trimester, students will be engaged in Human Geography; a required course for all ninth graders. The course is divided into six basic units with key geographical skills included in each unit of study. The units are: population geography, cultural geography, political geography, urban geography, economic geography, and agricultural geography. Third trimester, students will learn about civic participation in the United States of America and the early formation of the American system of government and its handbook, the Constitution. The units of study are: American political culture, Declaration of Independence, Bill of Rights and The Constitution.

AP Human Geography + Civics

Course Numbers: 1603/1604/1605

Grade: 9

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Post-secondary Connection: College credit possible upon successful completion of AP Exam.

This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board.

The purpose of the AP Human Geography course is two-fold. First, students will study the patterns and processes of human activity on the earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. The main areas of study are the nature and perspectives of geography, population, cultural patterns and processes, the political organization of space, agricultural and rural land use, urbanization, industrialization, economic development, and social geographies of the modern world. Students will also learn about civic participation in the United States of America and the early formation of the American system of government and its handbook, the Constitution. The secondary purpose in the course is to train the students to develop an elevated level of reading, writing, and analytical skills needed for the AP classes students will experience as they continue in high school.

All incoming 9th grade students, regardless of previous classes taken, will be asked to enroll in Spring Lake Park High School's AP Summer Seminar if registering for Advanced Placement Human Geography. This summer opportunity is highly recommended to ensure a positive experience in AP courses at the high school and will help all students feel prepared to tackle a college-level course. It will build upon skills students have already developed in middle school and will also foster the resilience and collaboration needed for AP courses. More details, including dates of the seminar, will be available in early Spring.

United States History

Course Numbers: 1610/1611/1612

Grade: 10

Credits: 3

Type: Full Year; register for all three trimesters

This course provides a one-year survey of American history from the colonial era to the contemporary time period. Students learn about various political, economic, and social developments that have shaped the United States. The curriculum engages students in historical inquiry by emphasizing the analysis of primary sources, developing historical arguments or claims, and evaluating the reliability of historical evidence.

United States History - Hybrid

Course Numbers: 1663/1664/1665

Grade: 10

Credits: 3

Type: Full Year; register for all three trimesters – Hybrid

This course provides a one-year survey of American history from the colonial era to the contemporary time period. Students learn about various political, economic, and social developments that have shaped the United States. The curriculum engages students in historical inquiry by emphasizing the analysis of primary sources, developing historical arguments or claims, and evaluating the reliability of historical evidence. The Hybrid History format will have two-three days a week of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

United States History - Online

Course Numbers: 1666/1667/1668

Grade: 10

Credits: 3

Type: Full Year; register for all three trimesters – online version

This course provides a one-year survey of American history from the colonial era to the contemporary time period. Students learn about various political, economic, and social developments that have shaped the United States. The curriculum engages students in historical inquiry by emphasizing the analysis of primary sources, developing historical arguments or claims, and evaluating the reliability of historical evidence.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

AP United States History

Course Numbers: 1613/1614/1615

Grades: 10, 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Post-secondary Connection: College credit possible upon successful completion of AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board.

This is a highly rigorous course that is taught at a fast pace. Students should be excellent readers and should expect reading assignments every night. The Advanced Placement Program in U.S. History is designed to provide students with the analytic thinking, reading, and writing skills necessary to deal critically with problems and materials in U.S. History. The program requires that students master a broad body of historical knowledge. Course expectations include significant reading demands of approximately 30 pages per week. The overall goal of the course is to prepare students for the AP U.S. History examination. It also provides an enriched experience in the study of America's past by exploring different interpretations of historical events, interpreting primary sources, and analyzing historical evidence in order to support conclusions.

Note: It is recommended that students earn a "B" or better in mainstream geography or a grade of "C" or better in AP Human Geography.

World History A/B

Course Numbers: 1630/1631

Grade: 11

Credits: 2 credits (you will also need to sign up for Economics)

Type: Two parts of a full year of coursework; register for World History A and B and Economics (1622)

This course provides a 2-trimester survey of World History from the development of Western Civilization in Greece and Rome to the contemporary time period in India and China. Students learn about various political, economic, and social themes in World History. The curriculum furthers student's skills in historical inquiry by emphasizing the analysis of primary sources, developing historical arguments or claims, and evaluating the reliability of historical evidence.

Part A: This course investigates the history and the issues in the development of Western Civilization starting with the classical civilizations of Greece and Rome, then jumping to the Renaissance in the 14th Century and continuing through European nationalism in the 19th Century. Other areas of study include: European exploration, the political revolutions in England and France during the 17th and 18th centuries, and the Napoleonic Era. Students will analyze, evaluate and synthesize information gathered from primary and secondary sources to further develop their historical thinking skills.

Part B: This course investigates the history and issues in the development of the non-western world beginning around 600 CE and progressing into the 20th Century. The course begins with the foundation of Islam and ends with growth of communism in Russia and China. Other areas of study include: the Golden Age of China, Mongol expansion, kingdoms of Africa, impact of the Industrial Revolution, and Imperialism. Students will analyze, evaluate and synthesize information gathered from primary and secondary sources to further develop their historical thinking skills.

World History A/B - Hybrid

Course Numbers: 1675/1676

Grade: 11

Credits: 2 credits (you will also need to sign up for Economics)

Type: Two parts of a full year of coursework; register for World History A and B Hybrid and Economics (1622)

This course provides a 2-trimester survey of World History from the development of Western Civilization in Greece and Rome to the contemporary time period in India and China. Students learn about various political, economic, and social themes in World History. The curriculum furthers student's skills in historical inquiry by emphasizing the analysis of primary sources, developing historical arguments or claims, and evaluating the reliability of historical evidence.

Part A: This course investigates the history and the issues in the development of Western Civilization starting with the classical civilizations of Greece and Rome, then jumping to the Renaissance in the 14th Century and continuing through European nationalism in the 19th Century. Other areas of study include: European exploration, the political revolutions in England and France during the 17th and 18th centuries, and the Napoleonic Era. Students will analyze, evaluate and synthesize information gathered from primary and secondary sources to further develop their historical thinking skills.

Part B: This course investigates the history and issues in the development of the non-western world beginning around 600 CE and progressing into the 20th Century. The course begins with the foundation of Islam and ends with growth of communism in Russia and China. Other areas of study include: the Golden Age of China, Mongol expansion, kingdoms of Africa, impact of the Industrial Revolution, and Imperialism. Students will analyze, evaluate and synthesize information gathered from primary and secondary sources to further develop their historical thinking skills.

The Hybrid format will have two-three days of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

World History A/B - Online

Course Numbers: 1672/1673

Grade: 11

Credits: 2 credits (you will also need to sign up for Economics)

Type: Two parts of a full year of coursework; register for World History A and B and Economics (1622) – online version

This course provides a two-trimester survey of World History from the development of Western Civilization in Greece and Rome to the contemporary time period in India and China. Students learn about various political, economic, and social themes in world history. The curriculum furthers student's skills in historical inquiry by emphasizing the analysis of primary sources, developing historical arguments or claims, and evaluating the reliability of historical evidence.

Part A: This course investigates the history and the issues in the development of Western Civilization starting with the classical civilizations of Greece and Rome, then jumping to the Renaissance in the 14th Century and continuing through European nationalism in the 19th Century. Other areas of study include: European exploration, the political revolutions in England and France during the 17th and 18th centuries, and the Napoleonic Era. Students will analyze,

evaluate and synthesize information gathered from primary and secondary sources to further develop their historical thinking skills.

Part B: This course investigates the history and issues in the development of the non-western world beginning around 600 CE and progressing into the 20th Century. The course begins with the foundation of Islam and ends with growth of communism in Russia and China. Other areas of study include: the Golden Age of China, Mongol expansion, kingdoms of Africa, impact of the Industrial Revolution, and Imperialism. Students will analyze, evaluate and synthesize information gathered from primary and secondary sources to further develop their historical thinking skills.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Economics

Course Number: 1622

Grades: 11, 12

Credit: 1

Type: Trimester; required

This Economics course begins with an introduction of economics, including a review of the American free enterprise system. Students will then learn about markets, business and labor, and banking and finance in the microeconomics section. Next, they will learn about measuring economic performance, the government's role in the economy, and international trade and development in the macroeconomics section.

Economics - Online

Course Number: 1674

Grades: 11, 12

Credit: 1

Type: Trimester; required – online version

This Economics course begins with an introduction of economics, including a review of the American free enterprise system. Students will then learn about markets, business and labor, and banking and finance in the microeconomics section. Next, they will learn about measuring economic performance, the government's role in the economy, and international trade and development in the macroeconomics section.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

AP World History

Course Numbers: 1627/1628/1629

Grades: 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Post-secondary Connection: College credit possible upon successful completion of AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board.

The purpose of the course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies as far back as 8000 B.C.E. to the present. The course examines the causes and consequences of global change along with comparisons among major societies. The course emphasizes understanding relevant factual knowledge, interpreting major issues, and developing skills used to analyze differing types of historical evidence. Students must master a broad range of global historical knowledge about Africa, the Americas, Asia, Europe, and Oceania.

Emphasis will be given to building reading and writing skills that are used to support individual authentic conclusions.

Note: Students need to add Economics in grade 11 or 12. It is recommended that students pass AP US History or received a grade of "C" or higher in their US History class.

US Government

Course Number: 1620

Grades: 11, 12

Credit: 1

Type: Trimester; required

This course will have students describe and compare important facts, ideologies, and concepts related to the U.S. government and politics. Students will be able to explain how citizens can participate in the political process, analyze the functions of the branches of the federal government, and describe the liberties they have as Americans. Students will also analyze relationships the U.S. has with foreign nations and the possible impacts that result from those relationships. Finally, students will apply their learnings of the U.S. government to current political issues and explain how the government impacts those issues and their lives.

US Government – Online

Course Number: 1678

Grades: 11, 12

Credit: 1

Type: Trimester; required – online version

This course will have students describe and compare important facts, ideologies, and concepts related to the U.S. government and politics. Students will be able to explain how citizens can participate in the political process, analyze the functions of the branches of the federal government, and describe the liberties they have as Americans. Students will also analyze relationships the U.S. has with foreign nations and the possible impacts that result from those relationships. Finally, students will apply their learnings of the U.S. government to current political issues and explain how the government impacts those issues and their lives.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

AP Government & Politics

Course Numbers: 1624/1625

Grade: 12

Credits: 2

Type: Honors credits; two trimesters (fulfills the Government requirement)

Post-secondary Connection: College credit possible upon successful completion of AP Exam. This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board.

The goal of this academically rigorous course is to prepare students for the AP United States Government and Politics examination. The Advanced Placement coursework for United States Government and Politics is designed to develop and apply analytical thinking skills to political processes. Students will evaluate and analyze government and political relationships. Students will be required to use textbook and essay readings, statistical data, and political satire to develop and defend political arguments.

Note: This course is recommended for students who have achieved: a passing grade in AP U.S. History, a C- or higher in mainstream American Citizenship class, or a C- or better in Language Arts class. This course fulfills the requirements for the Government class.

Current Issues

Course Number: 1640

Grades: 11, 12

Credit: 1

Type: Trimester; meets second Social Studies requirement for grade 12

Current Issues involves a more in-depth study of contemporary world problems such as the environment, racism, crime, abortion, teen issues, and euthanasia. Newspapers, weekly magazines, internet documents and news documentaries are used as resources for the class. The student is required to understand, interpret, analyze, and evaluate data presented through these sources.

Current Issues - Online

Course Number: 1679

Grades: 11, 12

Credit: 1

Type: Trimester; meets second Social Studies requirement for grade 12 – online version

Current Issues involves a more in-depth study of contemporary world problems such as the environment, racism, crime, abortion, teen issues, and euthanasia. Newspapers, weekly magazines, internet documents and news documentaries are used as resources for the class. The student is required to understand, interpret, analyze, and evaluate data presented through these sources.

Note: This course is fully online, it requires the student to work independently through Schoology. Students will engage with the instructor and other students in a highly collaborative environment that utilizes discussion boards, independent learning activities and virtual learning modules.

Psychology

Course Number: 1641

Grades: 11, 12

Credit: 1

Type: Trimester; meets second Social Studies requirement for grade 12

This course is about human thinking and behavior. Students learn something about who they are, where they are going, and why. The topics of the course focus on practical uses of psychology through the study of theories and experiments. Students get involved by engaging intellectually and emotionally in the activities of the class. Psychology is the science of human behavior and can help students understand themselves.

Sociology

Course Number: 1642

Grades: 11, 12

Credit: 1

Type: Trimester; meets second Social Studies requirement for grade 12

This course contains a brief overview of the current theoretical approaches and an outline of the components of culture including subcultures and counter-cultures. Discussions of internalization of norms, sanctions, components of social structure, and types of groups, societies and bureaucracies are also presented.

Sociology - Hybrid

Course Number: 1681

Grades: 11, 12

Credit: 1

Type: Trimester; meets second Social Studies requirement for grade 12 - Hybrid

This course contains a brief overview of the current theoretical approaches and outline of the components of culture including subcultures and counter-cultures. Discussions of internalization of norms, sanctions, components of social structure, and types of groups, societies and bureaucracies are also presented. Hands on projects, class discussions, and face-to-face lectures will also be included depending on the current content. It is designed for students that are self-motivated and self-directed. The Hybrid Sociology format will have two-three days a week of independent classwork, with students working through lessons and activities on their own with the teacher available for help.

AP Psychology + US Government

Course Numbers: 1643/1644/1645

Grades: 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Post-secondary Connection: College credit possible upon successful completion of AP Exam

This academically rigorous course follows the Advanced Placement course guidelines designed by the College Board. Students should be prepared to read daily and participate in all class activities. Course content provides an in-depth look into human thinking and behavior and prepares students for the terminology and technical writing skills necessary to pass the AP exam in the spring. Students learn about who they are, where they are going, and why. Topics of the course focus on practical uses of psychology through the study of theories and experiments. Students engage intellectually and emotionally in the activities of the class. Psychology is the science of human behavior; it helps students understand themselves and others. Units covering U.S. Government will also be included during the course of study. Students successfully completing all three trimesters will meet both the U.S. Government requirements and the social studies elective credit. Strong reading and writing skills are required.

Notes: The U.S. Government requirement will be met by completing all three trimesters of study.

Family & Consumer Sciences

Culinary Arts I

Course Number: 1070

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; elective

Fee: No fee for basic projects, additional projects may incur a project fee.

Culinary Arts 1 will provide a foundation of culinary skills. In this course, students will gain knowledge, skills and understanding of food preparation techniques and baking methods. Students will participate in culinary labs that provide hands-on learning experiences. Lab experiences include the following: breads, cookies, pies, fruit/vegetables, etc. as well as meal preparation.

Culinary Arts II

Course Number: 1071

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; elective

Fee: No fee for basic projects, additional projects may incur a project fee.

Culinary Arts II is the next step to advancing culinary skills with an enriched understanding of food principles, techniques and cultural cuisine skills. Students will participate in a variety of culinary labs that will move beyond the basics. Let world cultures and cuisines be your guide as you plan and prepare food from around the world to deepen the understanding of culinary techniques. Hands-on lab experiences will include but are not limited to; culinary tool skills; meats, soups, candy, appetizers, cultural cuisines of various cultures, etc.

Music

Varsity Band

Course Number: 1300/1301/1302

Grades: 9

Credits: 3

Type: Full Year; register for all three trimesters; meets art requirement

Prerequisite: All students are welcome.

Fee: Approx. \$25 uniform (one-time cost), instrument rentals are available for all instruments on an as needed and availability basis.

Varsity Band is made up of approximately 80 students split into two bands. Students will gain a proficient understanding of their individual instrument (instrument fingerings, percussion rudiments and tone production) as well as basic ensemble skills such as performance etiquette, pitch recognition and rhythm counting. Students will receive individual or small group lessons. New students or returning band students welcome.

Symphonic Band

Course Number: 1306/1307/1308

Grades: 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters; meets art requirement

Prerequisite: All students are welcome.

Fee: Instrument rentals are available for all instruments on an as needed and availability basis.

Symphonic Band is an ensemble of approximately 60 musicians. Students will gain an advanced understanding of their individual instruments, as well as mature ensemble skills such as individual part confidence, complex rhythm reading and developing further composition skills. Students will also receive individual or small group lessons. Ensembles are evenly distributed based on ability and instrument needs. New students are always welcome.

Wind Ensemble

Course Number: 1309/1310/1311

Grades: 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters; meets art requirement

Prerequisite: All students are welcome.

Fee: Instrument rentals are available for all instruments on an as needed and availability basis.

Wind Ensemble is made up of approximately 60 musicians. Students will gain an advanced understanding of their individual instruments, as well as mature ensemble skills such as individual part confidence, complex rhythm reading and developing further composition skills. Students will also receive individual or small group. Ensembles are evenly distributed based on ability and instrument needs.

Jazz Ensemble

Course Number: 1312/1313/1314

Grades: 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters; meets art requirement

Prerequisite: Director Consent & concurrent registration in a large ensemble.

Fee: Instrument rentals are available for larger instruments.

Jazz Ensemble is made up of approximately 20 students composed of saxophones, trumpets, trombones and a standard rhythm section (piano, guitar, bass, drums). The course is dedicated to the performance and study of jazz. Latin, contemporary rock, and funk music. Course also includes jazz music theory and a large improvisational component. This course meets as a zero-hour class before school.

Instrument Playing 101

Course Number: 1337

Grades: 9, 10, 11, 12

Credit: 1

Type: Offered Trimester 1; meets art requirement

Prerequisite: All students are welcome regardless of musical background and experience.

Fee: Instrument rentals and use fee \$20

Have you ever wanted to play a musical instrument? This is an introduction to playing instruments over the course of a trimester. Students will gain basic music reading and instrument playing skills. Several performance opportunities will allow students to develop performance and critical listening skills. No experience is necessary.

Hand Drumming and Percussion Ensemble

Course Number: 1340

Grades: 10, 11, 12

Credit: 1

Type: Trimester

Prerequisite: All students are welcome regardless of musical background and experience.

Learn to play several hand drumming styles, read basic drum pattern rhythms and perform in a small percussion ensemble several times over the trimester. Students will be able to identify several drum styles and important features about the region and history that make them unique.

Varsity Choir

Course Number: 1320/1321/1322

Grades: 9, 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters; meets art requirement

Prerequisite: All students are welcome regardless of choral experience.

The Varsity Chorus is a group of students of various grade levels and abilities. Students will perform a variety of vocal literatures including, but not limited to, traditional choral repertoire, multicultural music and American popular music.

Bel Canto Treble Choir

Course Number: 1326/1327/1328

Grades: 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters; meets art requirement

Prerequisite: Membership for upper-class treble voices (alto and soprano) is by audition with the director.

Bel Canto Treble Choir is a group of treble voices of various grade levels and abilities. Students will perform a variety of vocal literature including, but not limited to, traditional choral repertoire, multicultural music and American popular music.

Concert Choir

Course Number: 1323/1324/1325

Grades: 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters; meets art requirement

Prerequisite: Membership is by audition with the director.

The Concert Choir is a group of students of various grade levels with a thorough knowledge of vocal technique and a high degree of self-discipline. Students will perform a variety of vocal literature including, but not limited to, traditional choral repertoire, multicultural music and American popular music.

World Language

Spanish 1

Course Numbers: 1700/1701/1702

Grades: 9, 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters

This first-year Spanish course opens the door to experiences in the language and cultures of the Spanish-speaking world. Language and culture are learned through a variety of activities including: videos, audio segments, online activities, paired communicative activities, cooperative work, language-related projects, songs and games. Students will learn structures and vocabulary which will enable them to communicate about their families, friends, likes and dislikes, school, food, weather, leisure activities, time, numbers, and other various common activities. Start your language adventure here in la clase de español uno!

Spanish 2

Course Numbers: 1703/1704/1705

Grades: 9, 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: Spanish 1; “C” or higher recommended.

In Spanish 2 oral proficiency continues to be stressed, but the skills of reading and writing are now given increased attention. Additionally, Internet resources are included as tools for language development and cultural information. During this course, students start to use the language to learn the language. Many notes, explanations and instructions are given in Spanish and a significant amount of the language used during each class period is Spanish. We extend the students’ understanding of the structure of the language and lay a solid base for future language learning. One of our overarching goals is for students to be proficient in communicating at the sentence level in the topic areas that they have studied during the year.

Spanish 3

Course Numbers: 1706/1707/1708

Grades: 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: Spanish 2; “C” or higher recommended.

In the third year of Spanish study, there is a definite emphasis placed on doing things in Spanish. The majority of the classroom activities are conducted in Spanish and the student is encouraged to use Spanish as his/her primary mode of communication in the classroom. Nearly all of the remaining verb tenses are introduced and the students’ vocabulary repertoire is greatly expanded. Many of the tools of the previous two years continue to be employed, as well as some new ones including a unit on Spanish and Mexican foods which includes a field trip to a Mexican restaurant.

Note: This course is a recommended prerequisite to Spanish 4 (College in the Schools Spanish 201). It is recommended students earn a grade of C or higher to register for the next level.

Spanish 4 – College Intermediate Spanish 201

Course Numbers: 1709/1710/1711

Grades: 9th grade immersion students, 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: Spanish 3; “C” or higher recommended

Post-Secondary Connection: College in the Schools, three Minnesota State University – Mankato semester credits.

In the fourth-year Spanish course, we delve deeper into the many facets of Spanish language and culture. This is done through the exploration of Hispanic literature, arts, history and customs. Grammar continues to be taught but the primary focus is using the Spanish language to understand, explore, investigate, and experience the various aspects of Hispanic life and culture. The students will have an opportunity to experience Spanish language literature through authentic texts, videos and audio taken from the internet. There will be several projects involving presentational skills in Spanish. Successfully completing this course will give students the necessary background to continue on to the next level of College Intermediate Spanish and AP level in Spanish.

En el cuarto año de español, profundizamos en muchas de las facetas del lenguaje español y su cultura. Esto se hace por medio de la exploración de la literatura, arte, historia y costumbres hispanas. Gramática continuara siendo aprendida pero el enfoque principal es usar el lenguaje español para entender, explorar, investigar, y experimentar los aspectos de la vida y cultura hispana. Estudiantes tendrán la oportunidad de experimentar la literatura del lenguaje español por medio de textos auténticos, videos y audio, tomadas de internet. Habrá algunos proyectos que involucraran presentaciones en español. Completar exitosamente este curso, les dará a los estudiantes la formación necesaria para continuar hacia el siguiente nivel universitario de español.

Spanish 5 – College Intermediate Spanish 202

Course Number: 1712, 1713, 1714

Grades: 10th grade immersion students, 12

Credits: 3

Type: Full Year; Register for all three trimesters

Prerequisite: Spanish 4; “C” or higher recommended

Post-Secondary Connection: College in the Schools, 3 Minnesota State University – Mankato semester credits.

The course is focused on developing the student’s auditory, written and oral skills through reading comprehension, grammar and composition skills. Spanish 5 – College Intermediate Spanish 202 completes the second semester of intermediate college Spanish through Mankato State.

The main course objectives are:

1. The ability to comprehend formal and informal spoken Spanish;
2. The acquisition of vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as some modern literature;
3. The ability to compose expository passages;
4. The ability to express ideas orally with accuracy and fluency.

Este curso se concentra en desarrollar las habilidades auditivas, escritas y orales del estudiante por medio de la comprensión de la lectura, gramática, y habilidades de composición. Spanish 5 – College Intermediate Spanish 202 completa el Segundo semestre de Español de Universidad por medio de Mankato State.

Los objetivos principales del curso son:

1. La habilidad de comprender español hablado ya sea formal o informal;

2. La adquisición del vocabulario y el entendimiento de la estructura para permitirles leer artículos de periódico o revistas mas fácilmente, tan bien como literatura moderna;
3. La habilidad de componer pasajes;
4. La habilidad de expresar ideas orales con exactitud y fluidez

Spanish 6 - College Intermediate Spanish 210

Course Numbers: 1715/1716/1717

Grades: 11th grade immersion students

Credits: 3

Type: Full Year; register for all three trimesters.

Prerequisite: Spanish 5; “C” or higher recommended

Post-Secondary Connection: College in the Schools, 3 Minnesota State University – Mankato semester credits.

Are you interested in keeping up your well-earned Spanish skills especially those in writing and speaking? This course is perfect for those who have taken Spanish levels 4 and 5 (Mankato courses Spanish 201 and 202). You will hone your speaking abilities as well as develop your writing skills. In addition, you will earn another four credits through Minnesota State University Mankato. We will focus on socio-cultural topics of countries where Spanish is spoken. Come join us - ¡Sí se puede!

German 1

Course Numbers: 1720/1721/1722

Grades: 9, 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters.

Sprichst du DEUTSCH? German 1 is a great way for you to add another language to your life. This class is designed to be interactive, communicative, challenging and FUN! Instruction will be mainly through reading and storytelling. You will be part of a learning community where you will quickly discover how to express yourself in German while you also learn a lot of culture about the German-speaking areas of the world. However, this is truly just the beginning. Learning any foreign language takes years of practice, so plan on taking four years if you can fit it in your schedule.

Note: This course is a recommended prerequisite to German 3 (College in the Schools German 1003) and German 4 (College in the Schools German 1004). It is recommended students earn a grade of C or higher to register for the next level.

German 2

Course Numbers: 1723/1724/1725

Grades: 9, 10, 11, 12

Credits: 3

Type: Full Year; register for all three trimesters

Prerequisite: German 1; “C” or higher recommended

Second-year German allows students the opportunity to expand on what they learned in the first year and continue to learn German through interactive stories and communicative activities. More focus is given to grammatical elements and structures of the language as we continue to build our vocabulary and overall ability to communicate in German. We continue to study the cultures of German-speaking countries in-depth through in-class activities and a field trip. It is a challenging and positive experience.

Note: This course is a recommended prerequisite to German 3 (College in the Schools German 1003) and German 4 (College in the Schools German 1004). It is recommended students earn a grade of C or higher to register for the next level.

German 3 – U of M Intermediate German 1003

Course Numbers: 1726/1727/1728

Grades: 11, 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters

Prerequisite: German 2; “C” or higher recommended

Post-secondary Connection: Five UMN semester credits College in the Schools (CIS)

Was? Ganz Deutsch? Wirklich? This is the year things will really be coming together! You will take your German to a whole new level when you communicate almost exclusively in German. It may be frustrating at first, but once you realize how many things you can say and do in German, you’ll be very proud! We will go much more in-depth in all aspects of learning German. CIS is a partnership program between the U of M and area high schools. It delivers regular University introductory level courses to advanced high school students. CIS students study the same curriculum that U of M students do on campus. SLPHS juniors and seniors can apply to take this course and should be in the top 30% of the class.

Note: This course is a recommended prerequisite to German 4 (College in the Schools German 1004). It is recommended students earn a grade of C or higher to register for the next level.

German 4 – U of M Intermediate German 1004

Course Numbers: 1729/1730/1731

Grade: 12

Credits: 3

Type: Honors credits; Full Year; register for all three trimesters.

Prerequisite: German 3; “C” or higher recommended.

Post-secondary Connection: College in the Schools, five UMN semester credits College in the Schools (CIS)

German 4 is a continuation of German 3. It is similar in set-up, where you continue to improve your reading/writing/ listening/speaking proficiency. Many students who complete this course will have completed foreign-language requirements toward college degrees, all while still in high school! If you continue with German, you will likely be able to use your U of M transcript and/or test out of lower-level courses and be placed into 3rd-year college courses. Wunderbar!

Note: SLPHS juniors and seniors can apply to take this course and it is recommended that they earn a C- or better in German 3 (U of M Intermediate German 1003). Students should be in the top 30% of the class per U of M CIS recommendations. Exceptions can be made by instructors and for younger transfer students who have strong German skills/background. Please contact an instructor if you have questions.

Art

Art Foundations 1

Course Number: 1001

Grades: 9, 10, 11 and 12

Credit: 1

Type: Trimester; meets art requirement

Fee: No fee for basic projects, additional projects may incur a project-based fee.

This is a foundation course of drawing and painting concepts. Students will explore the elements of design through projects like figure drawing, portraiture, landscape, and still life. Various media like pastels, ink, markers, B pencils, and acrylic paint will be the artist's tools throughout the course. Emphasis will be placed on art history, aesthetics, criticism, as well as studio production.

Art Foundations 1 in Target Language of Spanish

Course Number: 1018

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement – taught in Spanish with a target audience of students who have been part of Spanish Immersion and/or the Juntos programming and other students with high level of Spanish proficiency.

Fee: No fee for basic projects, additional projects may incur a project-based fee.

This course will be instructed in the target language of Spanish. It is a foundation course of drawing and painting concepts. Students will explore the elements of design through projects like figure drawing, portraiture, landscape, and still life. Various media like pastels, markers, B pencils, and paint brushes will be the artist's tools throughout the course. Emphasis will be placed on Latin American and Iberian art history, aesthetics, criticism, as well as studio production.

Este curso será instruido en el lenguaje español. Es una clase básica de conceptos de dibujo y Pintura. Los estudiantes podrán explorar los elementos del diseño por medio de proyectos como dibujos de figure, retratos, paisajes y naturaleza inmóvil. Durante el curso, los artistas utilizarán herramientas como colores pasteles, marcadores, lápices B y pinceles. Habrá un énfasis en la historia artística de Latinoamericana e Ibérica, su estética, crítica y la producción de estudio.

Art Foundations 2

Course Number: 1002

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Prerequisite: Art Foundations 1

Fee: No fee for basic projects, additional projects may incur a project-based fee.

This foundations course continues to explore drawing and painting concepts. Students will be introduced to the principles of design through projects like observational drawing, gesture drawing, grid design, perspective, and a collage self-portrait. Art appreciation will concentrate on major art movements from cave paintings through the Renaissance into modern times.

Adobe Illustrator: Electronic Easel

Course Number: 1003

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Fee: No fee for basic projects, additional projects may incur a project-based fee.

Adobe Illustrator is considered the industry standard in today's fast paced world of visual communication and print. The student will learn the in-depth tools of the vector-based program and will be able to apply the technology towards creating original pieces of their own designs. Elements and principles of design will be emphasized and applied to sketch compositions. The student will learn to scan their own sketches and recreate the designs using this powerful program. This course is designed for serious students who wish to take their art to the level of digital manipulation.

AP Studio Art: 2D Design

Course Numbers: 1005/1006/1007

Grades: 11, 12

Credits: 3

Type: Honors credits; Full year; meets art requirement

Prerequisite: Art Foundations 1 & 2

Fee: No fee for basic projects, additional projects may incur a project-based fee.

Post-secondary Connection: College credit possible upon successful completion of AP Portfolio

This course is designed to create a fully functional portfolio for the serious art student. The course offers instruction in aesthetics through various art media such as charcoal, ink, pastel, and painting or pottery, sculpture or other 3D designs. The student will tap into their personal artistic skills and refine their true creative style through multi media. An Artist's Statement is required. Student assessment will be based on critiques of work and a personal PowerPoint portfolio. Students taking this class will be required to work independently on their portfolio. This course will prepare students for submission of a 2D or 3D portfolio to the College Board for Advanced Placement credit.

Ceramics I

Course Number: 1010

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Fee: No fee for basic projects, additional projects may incur a project-based fee.

This beginning course in ceramics will introduce the student to clay construction, the use of clay tools and the three hand building methods of clay construction: pinch, slab, and coil. Students will also learn glazing techniques. The student will demonstrate an understanding of art analysis in a final presentation.

Ceramics 2

Course Number: 1011

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Prerequisite: Ceramics 1

Fee: No fee for basic projects, additional projects may incur a project-based fee.

This is the second course in our sequence of ceramics class offerings. Register for this class if you are serious about advancing your skills in pinch, slab, and coil methods. Students will be introduced to throwing clay on the potter's wheel. Students are encouraged to create original works of art. Students will create a personal portfolio presented in a slide show format.

Ceramics 3

Course Number: 1012

Grades: 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Prerequisite: Ceramics 2

Fee: No fee for basic projects, additional projects may incur a project-based fee.

This is the third course in our sequence of ceramics class offerings and is intended for the ambitious potter and sculptor. Students will be placed in a Ceramics 1 or Ceramics 2 classroom and will be mentoring their peers throughout the course. Students at this third level will create four original hand-built pieces and continue to produce wheel-thrown pottery.

AP Studio Art: 3D Design

Course Numbers: 1015/1016/1017

Grades: 11, 12

Credits: 3

Type: Honors credits; Full year; meets art requirement

Prerequisite: Ceramics 1 & 2

Fee: No fee for basic projects, additional projects may incur a project-based fee.

Post-secondary Connection: College credit possible upon successful completion of AP Portfolio

This course is designed to create a fully functional portfolio for the serious art student. The course offers instruction in aesthetics through various art media such as charcoal, ink, pastel, and painting or pottery, sculpture or other 3D designs. The student will tap into their personal artistic skills and refine their true creative style through multi media. An Artist's Statement is required. Student assessment will be based on critiques of work and a personal PowerPoint portfolio. Students taking this class will be required to work independently on their portfolio. This course will prepare students for submission of a 2D or 3D portfolio to the College Board for Advanced Placement credit.

Intro to Photography (Level 1)

Course Number: 1021

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Fee: No fee for basic projects, additional projects may incur a project-based fee.

Intro to Photography is a foundations course exploring the science and history of photography. Students will gain an understanding of how reflective light is captured through various science experiments; which include building their own pinhole camera and capturing imagery through the science of the camera obscure. Students will learn the basics of the camera system and apply their knowledge of apertures and shutter speeds to capture light using a traditional 35mm FILM (single lens reflex) SLR camera. Students are advised to bring in a traditional 35mm FILM camera. A limited number of cameras are available to check out

Advanced Black & White Photography

Course Number: 1022

Grades: 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Prerequisite: Intro to Photography (Level 1)

Fee: No fee for basic projects, additional projects may incur a project-based fee.

This course is for the serious photographer who wishes to take up photography as a hobby or profession. Traditional 35mm film is explored at a more rigorous pace, challenging the student to apply elements and principles of composition while learning advances techniques of camera use to create desired effects in their images. Advanced darkroom techniques are introduced with the use of filters and dodging and burning. Students should have access to a traditional 35mm SLR FILM camera. Newer cameras should have settings that manually control ISO, F/stops and shutter speeds. There are a limited number of cameras available for rental during the trimester.

Digital Art & Design

Course Number: 2140

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; Art elective

Students will learn about relevant digital design elements used by professionals across the globe, including image creation, graphics, typography, page layout, color theory, navigation, editing, branding, and more. Students will develop a deeper understanding of how to use Macs and software programs used within industry, including Adobe Photoshop, Illustrator, and InDesign, to create authentic digital products utilized in business, marketing, computer science, and beyond. This course is highly recommended for students with an interest in business, entrepreneurship, marketing, computer science, art, and/or design careers.

Adobe Photoshop: Digital Darkroom

Course Number: 1024

Grades: 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement

Prerequisite: Intro to Photography

Fee: No fee for basic projects, additional projects may incur a project-based fee.

Photoshop is the digital answer to manipulating images and producing special effects on prints. The computer becomes the darkroom and is a powerful tool in creating imagery while using today's standards in the design industry. Students will be using devices such as iPads, consumer digital cameras and professional DSLR digital camera to capture images; then applying the techniques in Adobe Photoshop to enhance their compositions. Students must have an understanding of how to manipulate and capture images with a SLR camera, prior to taking this class. Some standard lessons will be done with images provided for the student on formative assessments given throughout the course. Summative assessments will require the student to produce original images; using some type of camera or device.

Yearbook Publication – Fall, Winter, Spring

Course Numbers: 1031/1032/1033

Grades: 9, 10, 11, 12

Credit: 1

Type: 1, 2, 3 trimesters; meets art requirement

Fee: None. However, students may fundraise to purchase their own Yearbook and t-shirts. Multi trimester elective course.

Students are encouraged to take this course for all three trimesters in a single year as the publication is produced over two trimesters and the next year's book begins in the spring. Meets arts requirement. Yearbook is defined as a complete record of our community at SLPHS through journalism, photography, Adobe Photoshop, and desktop publishing. Registering for all three trimesters is recommended but not required.

Advanced Yearbook Staff – Fall, Winter, Spring

Course Numbers: 1034/1035/1036

Grades: 9, 10, 11, 12

Credit: 1

Type: Trimester; meets art requirement (can be taken more than once)

Prerequisite: Recommendation from the instructor

Fee: None. However, students may fundraise to purchase their own yearbook, and t-shirts.

In this advanced level of the series, the student will explore and develop a higher understanding of design and conceptual work. The student will have the opportunity to contribute towards the theme and final layout designs. Juniors are highly encouraged to enroll in "Yearbook Publication – Spring", so they can develop their senior yearbook. The student has the opportunity to earn leadership roles on the main yearbook staff and to earn a varsity letter. Students will be mentoring their peers throughout the course. Note for Juniors: In the spring of your junior year, you will have the opportunity to attend a Yearbook Training Camp in June to begin the overall theme and look of the book.

College and Career Support – AVID

The AVID (Advancement Via Individual Determination) Elective courses are a set of specialty electives designed to support students developing the academic, organizational, and learning habits that align with post-secondary success, while also preparing students for rigorous high school coursework, such as honors, AP, and CIS courses. The program's goal is that every student enrolled reaches their full potential by introducing and reinforcing writing, inquiry, collaboration, organizational, and reading (WICOR) skills that will aid students through high school and beyond. AVID students are expected to have a minimum 2.0 GPA, concurrent enrollment in an Honors, AP, or CIS course, and good citizenship and attendance.

Course Number:

- 9th Grade: 1924/1925/1926
- 10th Grade: 1927/1928/1929
- 11th Grade: 1930/1931/1932
- 12th Grade: 1933/1934/1935

Grades: 9, 10, 11, 12

Credits: 3 per academic year (1 per trimester)

Type: Full Year, elective

Prerequisite: Completed and approved application and interview, concurrent enrollment in at least one course of rigor as determined by student ability, 2.0 GPA or higher.

Applications must be completed by February 28, 2020. Interviews will be conducted in March, acceptance/waitlist letters will be mailed to students during Summer break.

AVID 9

The AVID 9 course is designed to prepare students for the challenges they will face in the rigorous courses of study offered at the high school level and beyond. Development of time management, study, note taking, and leadership skills will be taught alongside WICOR strategies, as these skills are the backbone of all class work. Students will receive twice-weekly individualized tutorial time in order to gain a greater understanding of difficult subject matter from their classes, as well as attending two campus visits and participating in community outreach.

AVID 10

In AVID 10, students will continue to hone their high school and college readiness skills by increasing their independence and individualizing their learning styles. Students will collaboratively increase their academic vocabularies, continue the established tutorial process, and further explore college and career options by attending two campus visits and participating in community outreach.

AVID 11

The eleventh-grade AVID Elective course is the first part in a junior/senior seminar that focuses on the writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

AVID 12

The AVID Elective twelfth grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.

