



# **St. Louis Park High School**

## **2021-22 Course Catalog**

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# How to Use the Course Catalog

## 3 EASY STEPS

### Step 1

#### Explore Your Course Options

Take time to read over the course catalog. Review the graduation requirements (what credits have you earned?) and ask yourself these questions as you read the course descriptions:

- > Does the course meet my necessary graduation requirements?
- > Does the course offer early college credit(s) towards my career and college goals?
- > Does the course teach me skills needed to pursue my career and college goals?
- > Am I curious about the course?
- > Can I see myself participating and enjoying this course?



### Step 2

#### Talk it Over

When you identify courses you are interested in taking and/or even curious about, talk it over with those closest to you. Share your goals and the course catalog with your parents or guardians. Talk to your advisor, teachers and counselors who know you best.



### Step 3

#### Select Your Courses

Once you feel comfortable about your course selections, complete the 4 Year Plan Worksheet (Park Connections Folders), and follow the steps to complete your online registration.



**St. Louis Park  
High School**

# **ART TECH DEPARTMENT**

## **0571 Pottery I**

Grades: 9, 10, 11, 12

Learn the basic skills of working with clay and ceramics through traditional methods of pottery making. Learn various hand building techniques and the pottery wheel to create functional and sculptural works of art. In this course you will learn how to create three dimensional pieces and finish your work with glaze!

## **0572 Pottery II**

Grades: 10, 11, 12

Prerequisite: Pottery I

May be taken more than once for credit!

Grow your skills as a potter by expanding your technical expertise on the wheel and hand building sculptures and functional pottery. Expand your knowledge of the elements and principles while creating works of art. You will learn various finishing techniques including underglaze and slip decoration, as well as expand your knowledge of glazing!

## **0555 Introduction to Art**

Grades: 9, 10, 11, 12

Introduction to Art is a foundation course in studio art, focusing on the basics of drawing, painting, and mixed media. Emphasis will be on learning how to use the materials and training the eyes to “see” in order to represent objects realistically and proportionately. No prerequisite.

## **0565 Drawing/Illustration**

Grades: 10, 11, 12

Prerequisite: Introduction to Art, former Drawing & Painting I or Online Drawing

May be taken more than once for credit!

Drawing is a continuation of the Introduction to Art class and goes more in-depth with drawing techniques, materials, and complexity of assignments. This is a course for art students to improve upon their skills and to develop their own sense of style. Discover how to express what you see through artistic studies, learning contour drawing, perspective, and proportion. You will improve your drawing skills and develop a deeper understanding of the Elements and Principles of Art.

**0584 Online Drawing** *(Pending MDE Approval)*

Grades 9, 10, 11, 12

Learn the basics of drawing and develop your skill in this online course. You will learn how to draw with techniques that will teach you how to represent three dimensional objects on a two dimensional surface! Discover how to express what you see through artistic studies, learning contour drawing, perspective, and proportion. You will improve your drawing skills and develop a deeper understanding of the Elements and Principles of Art.

**0551 Painting**

Grades: 10, 11, 12

Prerequisite: Introduction to Art or former Drawing and Painting I

May be taken more than once for credit!

This painting course is a continuation of the Introduction to Art class and goes more in-depth with painting techniques, materials, and complexity of assignments. This is a course for art students to improve upon their skills and to develop their own sense of style. You will improve your painting skills and develop a deeper understanding of the Elements and Principles of Art.

**0569 Mixed Media Art**

Grades: 10, 11, 12

Prerequisite: Introduction to Art or former Drawing and Painting I

May be taken more than once for credit!

Mixed Medium Arts is an exploration into the world of art through various media and projects. Students will be instructed in drawing, painting, collage, and small-scale sculpture. Students will have the opportunity to complete assignments through a personal choice of materials.

**0678 Photography**

Grades: 9, 10, 11, 12

Do you wish you could take better photographs? The technical and creative skills you learn will help improve the quality of every photograph you take. This class explores how the Elements and Principles of Art impact the visual world around us, as well as how to edit your photos to create more visually interesting photos. In this class, you will create a portfolio of your work that you will be proud to display.

**0688 Online Photography** *(Pending MDE Approval)*

Grades 9, 10, 11, 12

Do you wish you could take better photographs? In this online course, you will create a portfolio of your work that you will be proud to display. The technical and creative skills you learn will help improve the quality of every photograph you take. This class explores how the Elements and Principles of Art impact the visual world around us, as well as how to edit your photos to create more visually interesting photos.

**0560 Digital Photo Editing**

Grades: 9, 10, 11, 12

Articulated College Credit Available

Photography is an artistic as well as a powerful form of communication. This class focuses on digital photography editing, working with Adobe Photoshop (or another similar program). You will learn the essential concepts and skills to repair, colorize, and create a variety of special effects in order to produce beautiful high quality images. Emphasis will also be on presentation of your work through digital slide shows.

**0654 Introduction to Graphic Design**

Grades: 9, 10, 11, 12

Articulated College Credit Available

This course introduces students to the study of modern forms of media and communication. The course surveys the main topics in the field and introduces students to a variety of issues including the ethics of media production; the impact of media on individual attitudes, values and behaviors; the role of media professionals, and the impact of new media technologies. Projects will be completed using Adobe Illustrator. There are a variety of hands on projects which will include t-shirt design and others.

**0677 Digital Artwork Design**

Grades: 10, 11, 12

Prerequisite: Intro to Graphic Design or former Media Arts

Articulated College Credit Available

This is a class in creating digital illustrations/artwork. Students will learn with step-by-step instruction, in-depth explanation, and creative projects. Students are challenged by assignments based on jobs typical of those given in the professional arena. Students will develop illustration/artwork using traditional thumbnails, sketches, and color studies, using Adobe CC Design Software. There are a variety of projects including the ability to digitize and embroider your designs on various apparel.

### **0653 Page Layout Design**

Grades: 10, 11, 12

Prerequisite: Intro to Graphic Design or former Media Arts

Articulated College Credit Available

This course emphasizes the real-life application of technology in the graphic design field. Apply the Elements and Principles of Design while creating original page layout designs. Learn the design process while becoming proficient in professional page layout software Adobe InDesign.

### **0662 Construction Technologies**

Grades: 10, 11, 12

Articulated College Credit Available

Explore the exciting world of home construction. Basic construction techniques will be taught from electrical to plumbing and other various construction fields. Students will work on an actual construction project in class and will have guest speakers and a field trip throughout the semester. If you have any curiosity or interest in a career in the building trades, this class is for you.

### **0661 Woodworking I**

Grades: 9, 10, 11, 12

Articulated College Credit Available

Students will learn the safe operations of power tools, finishing, and other aspects associated with the career field of woodworking. Students build projects like checkerboards, cutting boards, clocks, souvenir baseball bats, longboards, or other various choice projects. All projects can be personalized with our laser engraver or CNC machines.

### **0664 Woodworking II**

Grades: 10, 11, 12

Prerequisite: Woodworking I or Construction Technologies

Articulated College Credit Available

May be taken more than once for credit

This course is designed for students who are interested in the career path associated with working with wood. Students will be introduced to various aspects of woodworking. An emphasis is placed on the safe and proper use of all power tools and equipment used in the woodworking industries. Students will continue to learn basic to advanced skills associated with woodworking. Students will construct a project of their choosing such as, stereo towers, subwoofer boxes, bedroom furniture, end tables, cabinets, etc.

**0577 Fabrication Lab Essentials**

Grades 10, 11, 12

This course will be an introduction to the 2D, 3D and CNC controlled machines used in Fab Labs. Students will also be introduced to the design process and documentation used in engineering related fields. Students will be expected to complete rudimentary tasks necessary for basic operation of the Fab Lab equipment. Basic hands-on projects will be designed and created throughout the course to demonstrate mastery of the equipment operations.

**0660 Introduction to Engineering CAD**

Grades: 9, 10, 11, 12

Articulated College Credit Available

Introduces students to the fundamentals of engineering concepts, applications of math and physics concepts for engineering problem solving. Develop skills critical for architectural, mechanical and electrical engineers and designers with fundamentals of 2-D and 3-D architectural and engineering graphics, and design. Sketching, orthographic projection, auxiliary views, sectional views, and pictorial representation will be covered through various design projects, including prototype construction.

# **BUSINESS, COMPUTER SCIENCE, AND MARKETING DEPARTMENT**

## **0621 Introduction to Accounting**

Grades 10, 11, 12

Articulated College Credit Available

Are you ready to speak the language of business? Do you love numbers and/or money? If you are interested in pursuing a career in business, this class is for you! Accounting is required for anyone attending a business school or pursuing a major or minor in the college of business. Get a head start now and lock-in future success for the post-secondary level. If you've got a knack for money matters, accounting is a class that makes a lot of cents!

## **0610 Personal Financial Management**

Grades 10, 11, 12

Are you ready to become financially independent? Personal Financial Management will help prepare you for a future with money that works for you. Financial topics covered included investing, taxes, checking, saving, types of credit, managing credit, insurance and budgeting. WARNING: This class will leave you more financially literate and may cause informed financial decision making for the rest of your future.

## **Online Personal Financial Management** *(pending MDE approval)*

Grades 12

Great class to focus on how to manage your money prior to entering the adult world, and all through an online course. Are you ready to become financially independent? Personal Financial Management will help prepare you for a future with money that works for you. Financial topics covered included investing, taxes, checking, saving, types of credit, managing credit, insurance and budgeting. WARNING: This class will leave you more financially literate and may cause informed financial decision making for the rest of your future.

## **0618 Business Innovations**

Grades 9, 10, 11, 12

Do you want to make money? Do you have what it takes to run a business? Business Innovations is a class that introduces you to the world of business through agile emergent teaching strategies. You will develop time management and leadership skills as you take responsibility for creating, funding, running, and liquidating your own



business. Critical thinking skills will be used in hopes of taking home any profits you make after expenses are paid. Are you ready to make money?

### **0619 Information Communication Literacy**

Grade: 9

This course provides a broad overview of Information Communication Literacy (ICL) concepts like computer use and coding. Students will learn to maneuver Microsoft products (Word, Excel, and PowerPoint) and transfer knowledge into Google products (Docs, Sheets, and Slides). Simultaneously, students will practice research techniques and showcase presentation abilities. The learned technology skills will assist in the creation and sharing of information that will be used throughout the high school career and beyond. ICL introduces skills for locating, evaluating and using, all types of resources, and includes information on the legal and ethical uses of information technology.

### **Online Information Communication Literacy** *(pending MDE approval)*

Grade: 9

This ONLINE course provides a broad overview of Information Communication Literacy (ICL) concepts like computer use and coding. Students will learn to maneuver Microsoft products (Word, Excel, and PowerPoint) and transfer knowledge into Google products (Docs, Sheets, and Slides). Simultaneously, students will practice research techniques and showcase presentation abilities. The learned technology skills will assist in the creation and sharing of information that will be used throughout the high school career and beyond. ICL introduces skills for locating, evaluating and using, all types of resources, and includes information on the legal and ethical uses of information technology.

### **0642 Computer Hardware and Software Fundamentals**

Grades: 10, 11, 12

Our use of computer systems continues to grow. This course will help you to understand how hardware and software work together to provide us with technology solutions. During the course you will learn how to build an entire computer from the separate components! You will develop a strong understanding of the various components of the computer and their functionality and how to troubleshoot problems that may occur. Software programs increase productivity and solve real world problems. Students will have an opportunity to explore various computer languages and develop basic programming skills through experience with problem solving and simple game development.

### **0643 Introduction to Programming**

Grades 10, 11, 12

This one semester course is aimed at exposing students to the world of coding. Coding, the language of the future, is used in every piece of technology. The course is intended for students with no previous background, and teaches how to code in a fun and accessible way. Students will demonstrate their understanding by turning in assignments requiring them to create their own code to perform a required task. This class is a prerequisite for AP Computer Science Principles.

### **0641 Video Game Design**

Grades 9, 10, 11, 12

Video Game Design is an introductory course to game design and development that engages students in project-based learning. From the first lessons to the last lesson, students navigate through guided tutorials building NEW games! After four weeks of learning various skills that go into building games, students spend the bulk of the remaining course building five unique games that test and enhance different coding skills. Following the five original games, students will spend three weeks building their very own unique game. Beyond building games, students learn the components of how gaming is used in the real world, what goes into designing good games, what separates good games from bad games, the gaming and engineering design cycle, and much more. This course is meant to be an introductory course to get students into programming. This course will serve as an initial feeder courses for those interested in computer science and STEM. Students are encouraged to take this course before Introduction to Programming or AP Computer Science to gain a foundation of computer science principles before the more advanced courses.

### **0623 AP Computer Science Principles**

Grades 11, 12

Prerequisite: Introduction to Programming

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students will continue to build on the Javascript programming skills they developed in Intro to Programming. Additionally students will design and evaluate solutions to apply computer science to solve problems through the development of algorithms, and programs. Students will also explore the potential impacts of using data to discover new knowledge and how computing innovations contribute to a computing culture that is collaborative and ethical.

### **0612 Introduction to Marketing**

Grades 10, 11, 12

Articulated College Credit Available

Introduction to Marketing is a project-based business course that develops student understanding and skills in the functional areas of marketing: market planning, pricing, promotion, and selling. Students acquire an understanding and appreciation of each of the marketing functions and their ethical and legal issues. Students will make marketing decisions, develop and present professional selling campaigns and evaluate customer service policies for local businesses. Students enrolled in this course have the opportunity to participate in the student marketing organization DECA.

### **0644 DECA (*the class*)**

Grades 9, 10, 11, 12

The DECA experience starts in the classroom where you will learn business concepts that prepare emerging leaders and entrepreneurs for careers in marketing, finance, hospitality, and management. The DECA course brings the classroom to life through project-based activities that are realistic and relevant to today's business settings. Students will have the opportunity to work with local businesses on projects, create events and marketing campaigns, hear from business professionals and attend leadership conferences. All students in the class will have the opportunity to become members of the DECA organization. Through the DECA organization, students will have the opportunity to attend leadership conferences and compete at the district, state and national levels.

### **0613 Fashion Marketing and Merchandising**

Grades 10, 11, 12

Articulated College Credit Available

Learn how the fashion industry operates. In this course students will produce a fashion show, research the history of fashion and fashion trends, as well as, develop and present a fashion merchandising and promotion plan. Students will explore career opportunities in the fashion industry through guest speakers and field trips. Students enrolled in this course have the opportunity to participate in the student marketing organization DECA.

### **1626/2626 Work Based Learning**

Grade 11-12

The work-based learning (WBL) course offers employment combined with instruction in workplace skills. WBL is a blended learning course that is focused on the development of skills for employment while working. WBL includes both paid or non-paid

experiences. Students will earn 1 credit/semester (may be repeated) for supervised employment in any occupational field and related classroom (online) instruction. Students can use current employment and/or the work based learning coordinator will support the student in finding employment. Earn credit and be paid for working. Students must be at least 16 years of age and be able to provide their own transportation to and from the work site.

### **1625/2625 School Store Operations (Full Year Requirement)**

Grade 12

Prerequisite: Business or Marketing Course

Operate the school store and build your college & career resume! This course is for students interested in retail operations, business management, and/or fashion. Students in this course serve as store managers throughout the school year in the DECA Storicle. Students will be assessed using a portfolio of all activities completed throughout the year. Students must be available during the lunch hour to work in the school store. Store hours are determined by student availability. Students enrolled in this course have the opportunity to participate in the student marketing organization DECA.

### **1627/2627 Community and Business Partnerships (Full Year Requirement)**

Grades 11, 12

Experience the rewards and challenges of volunteering while making a difference in the community. This volunteer program allows students to select and visit one of several service sites three to four times per week (35 hours per semester). Students will provide a service to a local school, organization, or business. Students in this course will have the opportunity to operate the SLP BirdFeeder, a student operated food shelf, as well as our free Clothing Closet. Students will learn from a wide variety of non-profit and community based businesses and create a community awareness plan which uses the project management process to raise awareness for a community issue or cause. This program requires dedication and commitment for a full year. Transportation is not provided.

### **0737 Introduction to Urban Education and Reflective Teaching (EDU 200)**

Grades 11, 12

College Credit Available

This course presents foundational knowledge and concepts about urban learners, urban teaching, and urban school systems using case studies and first-person accounts of teaching and learning in an urban setting. Successes and challenges experienced by urban P-12 students, teachers, schools, districts, and communities will be discussed. Current complexities of urban education will be analyzed to

increase awareness of the structures and issues of urban school districts and schools in the United States and Minnesota. Society's responsibility to urban schools will be examined along with the roles that teachers and schools play in increasing student achievement and leading school improvement. Key concepts of the Urban Teacher Program will be introduced including the importance of high expectations, student and teacher resiliency, educational equity, using the community as a resource, awareness of the social construction of race, critical pedagogy and critical reflection. Various perspectives and dimensions of opportunity and achievement gaps will be examined, including causes due to individual and systemic racism and perspectives on what constitutes educational achievement for culturally and linguistically diverse youth. Students in this course are expected to explore and express their own experiences, assumptions, beliefs, motivations, and commitments related to teaching and learning in the urban schools. Various types of teacher reflection will be introduced as important means for continual professional growth to meet the needs of urban learners. Urban field experience hours are part of the course requirements.

# ENGLISH DEPARTMENT

## **1103/2103 English 9**

Grade 9

*Do you like to study different literary, non-literary, visual, and performance texts? Do you like to write for real-world purposes?* Students will develop their literacy skills, including reading, writing, listening, and public speaking. Students will read fiction books and shorter texts, as well as non-fiction texts with a focus on media literacy. This class has a strong emphasis on reading choice and thematic units to explore students' own identities and roles in a global community

## **1104/2104 Honors English 9**

Grade 9

*Do you like to read and talk about books? Do you like to analyze the craft of writing?* This class is the best fit for you if you enjoy reading. Be prepared to read more outside of class time and discuss books together in class. This class will challenge students to independently prepare for class discussion and writing. Students will develop critical, creative, and personal approaches to studying and analyzing literature. Students will also work toward mastery of academic writing skills. Texts from different historical periods and a variety of cultures will be examined. Linguistic and literary concepts and skills will be applied in a variety of authentic contexts and a variety of media and modes.

## **1105/2105 English 10**

Grade 10

Prerequisite: English 9 or Honors English 9

Students will master the multi-paragraph structure as they write comparison/contrast, argumentative, literary analysis, and research papers. They will practice voice projection, clear enunciation, and eye contact when speaking in front of groups. Students will also study mythic and archetypal patterns and use them in their analysis of world literature.

## **1106/2106 Honors English 10**

Grade 10

Prerequisite: English 9 or Honors English 9

Students will focus attention on word, image, tone, nuance, and context as they look at the author's craft of writing, and continue to build on their skills of analyzing literature. The course will include writing and presentations. Honors English will use more challenging materials and move at a faster pace than English 10.

## **1120/2120 English 11**

Grade 11

Prerequisite: English 10 or Honors English 10

Students will examine texts and how they inform our human experience, exploring themes of justice, education, power, and coming of age. Classes will read, write, discuss, and question in order to develop fundamental skills of critical thinking, expression, and analysis in the context of our world. Students will also gain technical skills of grammar, mechanics, and usage to prepare for college and/or careers. First semester students will focus on education, knowledge, and developing as independent readers. Second semester students will explore narrative writing, research, and texts that help to define the American experience.

## **1111/2111 IB English A Literature HL-1**

Grade 11

Prerequisite: English 10 or Honors English 10

Through the study of a wide range of literature, IB English HL encourages students to appreciate the artistry of literature and develop an ability to reflect critically on their reading. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. In view of the international nature of the IB and its commitment to intercultural understanding, the course does not limit the study of works to products of one culture or the cultures covered by any one language. The study of works in translation is especially important introducing students, through literature, to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language. This course will prepare students for the IB written and oral exams to be taken senior year. This is the first year of a two-year course. It is the expectation that students take the IB exam.

## **11125/21125 IB English A Language and Literature SL-1**

Grade 11

Prerequisite: English 10 or Honors English 10

This SL course develops linguistic and literary understanding and skills through the study of a broad range of genres and world literature, as well as language learning in context. Gaining an understanding that language and literature are creative processes encourages the development of one's imagination and creativity through self-expression. This course offers an opportunity for continued language development and the acquisition of a range of skills including, for example, textual analysis and the expression of literary appreciation. This is a two-year course. Students will complete the

Individual Oral (IO) exam in their junior year and the IB Written Exam at the end of their senior year.

### **0173 English 12: Stage Literature**

Grade 12

Prerequisite: English 11

Students will demonstrate the ability to interpret and evaluate complex works of literature by reading and analyzing plays from the Greeks to the present. They will weave together historical background information, awareness of dramatic structure, critical theories, and understanding of literary elements to interpret and evaluate selected works of the theater.

### **1112/2112 IB English A Literature HL-2**

Grade 12

Prerequisite: IB English 1A Literature HL-1

Through the study of a wide range of literature, IB English HL encourages students to appreciate the artistry of literature and develop an ability to reflect critically on their reading. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. In view of the international nature of the IB and its commitment to intercultural understanding, the course does not limit the study of works to products of one culture or the cultures covered by any one language. The study of works in translation is especially important introducing students, through literature, to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language. This is the second year of a two-year course. It is the expectation that students take the IB exam.

### **11126/21126 IB English A Language and Literature SL-2**

Grade 12

Prerequisite: IB English A Language and Literature SL-1

This SL course develops linguistic and literary understanding and skills through the study of a broad range of genres and world literature, as well as language learning in context. Gaining an understanding that language and literature are creative processes encourages the development of one's imagination and creativity through self-expression. This course offers an opportunity for continued language development and the acquisition of a range of skills including, for example, textual analysis and the expression of literary appreciation. This is a two-year course. Students will take the IB Written Exam at the end of their senior year.



### **0157 Creative Writing**

Grades 10, 11, 12

This course will give students an opportunity to explore their own writing style and voice and to produce their own creative works. The class will cover literary devices, techniques, and forms in both prose and poetry. Students will share their work by reading aloud and working in peer feedback groups.

### **0159 Journalism**

Grades 9, 10, 11, 12

This course is designed for students who enjoy writing, who wish to be involved in high school publications, and/or who might be considering a career in some form of communications. This course is intended for students who have been successful in previous writing coursework. Students will examine the art of nonfiction storytelling while writing news, sports, features and opinion stories. Students will also study design, photography, editing, web writing, convergence media, law and ethics. Students will also discuss the evolution of advertising revenue. Students who perform at a high level may be encouraged to join the school newspaper (Echo) or yearbook (Echowen).

### **0183 Small Group Communication**

Grades 10, 11, 12

Working in a comfortable environment, students will learn to express themselves on controversial issues of their choice. They will understand different communication styles and the components of interpersonal communication as well as conflict resolution. Effective research, listening, and speaking skills, as well as non-verbal strategies, are an essential part of this course.

### **0192 Cinema**

Grades 11, 12

Prerequisite: English 10 or Honors English 10

In this course, we will view, interpret, and evaluate a wide variety of films from the late 19th century to the present. We will study the works of Griffin Chaplin, Welles, Hitchcock, and Spielberg, among other influential directors. We will view “classic” and groundbreaking films such as: Citizen Kane, Double Indemnity, Psycho, Bonnie and Clyde, The Graduate, The Godfather, as well as many contemporary films that have helped shape pop culture and film history. This class involves much more than just sitting back and watching fun flicks, however. Students will be expected to actively participate in class discussions and projects. Students will also have homework and regular quizzes.

## **0194 Theater Arts**

Grades 9, 10, 11, 12

In Theater Arts you will have the opportunity to develop your acting, speaking, and improvisational comedy skills as you become more comfortable in front of a group. Learn basic acting techniques while you perform monologues, scenes, and short plays. You will finish this course with material ready for a formal audition.

## **1115/2115 Advanced Journalism: News Writing (Echo)**

Grades 10, 11, 12

Prerequisite: English 9 or Honors English 9 and (application process required/journalism is encouraged)

The Echo staff creates content for the tri-weekly student newspaper and website. Using methods of research and inquiry, they choose, interview for, and write all the stories needed to produce a professional-looking, high quality publication. Besides writing, students may take photos, draw graphics, create videos, and design page layouts. Echo staffers strengthen their writing, thinking, research, organizing and planning, and cooperative work skills. Students may repeat this course for credit.

## **1116/2116 Advanced Journalism: Magazine Writing (Echowon)**

Grades 10, 11, 12

Prerequisite: English 9 or Honors English 9 (application process required)

Join the staff of the school yearbook, the Echowon! Student writers will research, interview for, and write a minimum of eight articles during the year. Photographers will take pictures for sports, clubs, and student activities. All staffers will learn how to work as a team to produce a yearbook that celebrates all members of the SLPHS community. Staff members are selected on the basis of letters of recommendations, personal interviews, and samples of their work. Students are accepted for a full year only. Students may repeat this course for credit.

## **1119/2119/3119 IB Film SL**

Grades 10,11,12

Film is both a powerful communication medium and art form. This course will develop your skills in both interpreting and making film texts. Units will blend together textual analysis, film theory and history, and the creative and technical process of film production. Final IB assessment projects will include detailed written analysis of a selected film clip, a video essay comparing two movies from contrasting cultures, and a film reel and portfolio to demonstrate your skills and growth as a filmmaker. This is a three-semester course—two semesters to be taken in sophomore or junior year, the

other to be completed the following fall. Students must complete all three semesters to receive IB credit for the course.

### **1114/2114 Theory of Knowledge (TOK)**

Grades 11, 12

Prerequisite: Preference given to diploma candidates

The purpose of TOK is to stimulate reflection on the knowledge and experience of students both in and outside the classroom. TOK examines various areas of knowledge, truth, logic, value judgments, and the role of language and thought in knowledge. The course challenges students to question the bases of knowledge, to be aware of subjective and ideological biases, and to develop a personal mode of thought based on analysis of evidence and expressed rational arguments. One essay written from prescribed topics and a group presentation are required TOK formal assessments. Students will take the course second semester of the junior year and first semester of the senior year. This course is required for all IB diploma candidates, but it is available to all juniors.

### **2141/2142/2143 IB Extended Essay**

Grades 11, 12

This course is required of all IB Diploma candidates in their junior year and senior year. This course is designed to teach juniors the high-level research and writing skills needed by IB Diploma candidates to complete the core requirement of the 4000-word extended essay. This course provides students an opportunity to engage in personal research in a topic of their own choice, under the guidance of a supervising teacher. The extended essay course will teach students the process of formulating a research question/hypothesis, locating and evaluating appropriate sources, and eventually structuring, editing and revising toward a final draft of their essay. Key features of the course include: the initial steps of planning and choosing a faculty advisor, choosing a subject, constructing a viable research question, researching and citing sources, outlining, following and using the IB Assessment Criteria, and getting unstuck and general troubleshooting. This course will meet for the entire junior year and first semester senior year during a “zero hour” on Tuesday and Thursday mornings from 7:40 am to 8:30 am.

# ENGLISH LANGUAGE LEARNING DEPARTMENT

## **4114/4115 EL Introductory English (Level I)**

Grades 9, 10, 11, 12

Prerequisite: Composite score between 1.0 and 2.0 on WIDA Screener test and/or instructor approval

This class provides students with the opportunity to learn and explore the basics of their new language. Students will work on improving their English listening, reading, writing and speaking skills. Students will have time to adjust to and become comfortable with their new school and community. Students will earn one English credit.

## **4125/4126 EL Basic English (Level II)**

Grades 9, 10, 11, 12

Prerequisite: Composite score of 2 on WIDA Screener/ACCESS test and/or instructor approval

This year-long class helps students to develop their language skills in reading, writing, listening, and speaking. The primary objective is to help students improve their reading strategies and skills in areas such as, decoding, fluency, vocabulary and comprehension. Students will also learn how to build complete sentences, creating meaningful questions and reflect upon what they have read. Students will earn one English credit.

## **4133/4134 EL Intermediate English 1 (Level III)**

Grades 9, 10, 11, 12

Prerequisite: Composite score of 3 on WIDA Screener/ACCESS test and/or instructor approval

This is a year-long course that is designed with the help of Leveled Literacy Intervention (LLI) for students who find reading and writing in English difficult. The goal is to lift the literacy achievement of students who are reading below grade level by deepening students' reading comprehension, engaging students in successful daily reading, and increasing student engagement with books that will build knowledge. Students will earn one English credit.

## **4135/4136 EL Intermediate English 2 (Level III)**

Grades 9, 10, 11, 12

Prerequisite: Composite score of 3 on WIDA Screener/ACCESS test and/or instructor approval

This is a year-long course that will develop students' knowledge of and ability in paragraph and essay writing. Students will learn about the structure and organization of

a strong paragraph (first semester) and essay (second semester), and how to select rich vocabulary to strengthen their writing. Students will earn one English credit.

#### **4110/4111 EL Advanced English (Level IV)**

Grades 9, 10, 11, 12

Prerequisite: Composite score of 3.5-4.4 on WIDA Screener/ACCESS 2.0

The purpose of this class is to move Advanced English Learners to English proficiency. In this class, students will focus on reading and writing skills using the LLI curriculum. LLI focuses on English comprehension, vocabulary, and fluency. Students will read and discuss fiction in small discussion groups. Students will also learn idioms, Greek and Latin roots and phrasal verbs as they continue to build their English vocabulary in a supportive environment. Most students take EL Advanced English along with a mainstream English class.

#### **4127/4128 EL Social Studies**

Grades 9, 10, 11, 12

Prerequisite: Composite score of 1 or 2 on WIDA Screener/ACCESS test

Students will learn the vocabulary, concepts, strategies and back ground knowledge to help them be successful in mainstream social studies classes. Content topics will include American history, citizenship/civics and American geography. Students will earn one social studies credit.

#### **4129/4130 EL Introduction to Science**

Grades 9, 10, 11, 12

Prerequisite: Composite score of 1 or 2 on WIDA Screener/ACCESS

Using specially designed materials, English Learners will develop their academic science language through visual support, hands-on activities and opportunities for talking and writing. The purpose of this class is to prepare students for success in mainstream science classes. Students will earn one science credit.

#### **4139/4140 EL Math**

Grades 9, 10, 11, 12

Prerequisite: Composite score of 1 or 2 on WIDA Screener/ACCESS 2.0

English Learners will work on ALEKS Math independent study for part of each week. ALEKS math allows students to work on their needed math skills and to progress to the next level when they show mastery. In addition, students will learn target math vocabulary each day. Students may also use math manipulatives to help learn or reinforce previously learned math concepts. The purpose of this class is to prepare

students for success in mainstream math class. Students may take EL Math along with a mainstream math class. Students will earn one math credit.

# HEALTH DEPARTMENT

## **0540 Health**

Grade 10, 11, 12 - Required course

This Health course encourages students to adopt lifelong attitudes, skills & behaviors that support their health & well-being. Course topics include Values and Decision Making, Physical Health, Mental Health, Sexual Health, Relationships and Communication, Substance Education and CPR & AED training. Curriculum is inclusive and medically accurate. As students learn to become their own health advocate, they will work on accessing valid health information and health-promoting products and services. Typically taken in 10th grade.

## **0540 Online Health** (*Pending MDE Approval*)

Grade 10

This course would be for the student who prefers to learn online and/or has little room in their schedule for a traditional face-to-face Health class. All course topics would be included as in the face-to-face setting such as: Values and Decision Making, Physical Health, Mental Health, Sexual Health, Relationships and Communication, Substance Education, and CPR & AED training. Curriculum is inclusive and medically accurate. As students learn to become their own health advocate, they will work on accessing valid health information and health-promoting products and services.

## **0546 Adulting & Wellness**

Grade 11, 12

Sometimes in life we wonder: “Why didn’t they teach us this in school?” This course is designed to help junior and senior students develop life skills to prepare to live independently after graduation. Adulting topics include navigating life’s expectations as an adult such as: time management, home basics, car basics, health insurance, meal preparation & grocery shopping, simple sewing, parenting, stress management, working through conflict with roommates, and identifying community resources. Students will be expected to participate in group discussions and activities.

## **0342 Health Care Core**

Grades 10, 11, 12

Articulated College Credit Available

The Health Care Core Curriculum is a series of entry-level units for the student with an interest in health care. The student will be introduced to entry-level concepts containing necessary information for all health care career fields. Emphasis is on awareness of client needs and basic skill development. The units are competency based and may be taken in any order. Units to be covered include: Health Career Exploration, Behaviors

for Success in Healthcare Settings, Communications in Healthcare Settings, Awareness and Sensitivity to Client Needs, Respecting Client and Staff Diversity, Healthcare Safety and Standard Precautions, Legal Issues in Healthcare, Healthcare Ethics and Nursing Assistant Skill Set.

**Online Health Care Core** *(pending MDE approval)*

Grades 10, 11, 12

Articulated College Credit Available

The Health Care Core Curriculum is a series of entry-level ONLINE units for the student with an interest in health care. The student will be introduced to entry-level concepts containing necessary information for all health care career fields. Emphasis is on awareness of client needs and basic skill development. The units are competency based and may be taken in any order. Units to be covered include: Health Career Exploration, Behaviors for Success in Healthcare Settings, Communications in Healthcare Settings, Awareness and Sensitivity to Client Needs, Respecting Client and Staff Diversity, Healthcare Safety and Standard Precautions, Legal Issues in Healthcare, Healthcare Ethics and Nursing Assistant Skill Set.

**0345 Health Professions Terminology**

Grades 11, 12

Articulated College Credit Available

Health Professions Terminology is a comprehensive course designed for mastering the medical language used in all professions and industries relating to health care. Course includes an introduction of body systems in relation to medical terminology. Utilization, understanding, and pronunciation of medical terms are incorporated into the lab each week.

**0547 Nursing Assistant (CNA) with First Aid, CPR & AED Certification**

Grades 11, 12

Prerequisites: Health Care Core or Online Health Care Core

Articulated College Credit Available

The Nursing Assistant Certificate course prepares the student to provide physical nursing care to individuals in long term care facilities, hospitals, or board and care homes. Students learn how to measure vital signs and assist individuals with physical needs such as personal hygiene, elimination, mobility, exercise, and nutrition. This course also includes information on emotional, spiritual, and psychosocial needs, and basic training in behavior management for persons with dementia. Students will learn the skills required to obtain a First Aid, CPR & AED Training Certification. Students will practice life-saving first aid and build confidence to help in an emergency situation.



**0544 Embedded Health Education**

Grades 12 - Required course

Seniors will be automatically enrolled in their final year of Embedded Health. Students are required to have one full credit of health education upon graduation. Each school year, students obtain .25 credits by passing health class. This is the last of four years, students will have gained the required one credit toward graduation. All students will receive CPR training.

# **MATHEMATICS DEPARTMENT**

## **1410/2410 Geometry**

Grades 9, 10, 11, 12

Prerequisite: Math 8 or Advanced Math 8

Note: Students may be placed in their geometry section based on standardized test data, performance in prior courses, and teacher recommendation.

Students will acquire a solid background for future courses in mathematics and science. Students will study the characteristics of geometric figures in both two and three dimensions including: transformations, congruence and similarity, distance, scaling, and symmetry. Emphasis will be placed upon improving your reasoning process through a variety of problems, including those involving proofs.

## **1405/2405 Honors Geometry**

Grade 9, 10

Prerequisite: Accelerated Math 8 with teacher recommendation and recommended NWEA score of 245 or higher

This course will cover traditional geometry topics along with algebra, probability, and trigonometry. Logical thinking and problem-solving are stressed. A strong emphasis on geometric proof using inductive and deductive reasoning will be present.

## **1416/2416 Intermediate Algebra**

Grade 10

Prerequisite: Geometry or placement from standardized test scores

Students will expand their algebraic skills to include the use of linear functions, quadratic functions and exponential functions. Students will develop skills to solve real world problems. They will be exposed to multiple representations of functions including graphs, tables, and equations. Students will develop skills that will help them be successful in Advanced Algebra.

## **1417/2417 Advanced Algebra**

Grades 9, 10, 11, 12

Prerequisite: Credits earned in Geometry/Honors Geometry

Students will expand their algebraic skills to include the use of linear functions, quadratic functions, polynomial functions, inverse and radical functions, exponential and logarithmic functions, trigonometric functions, and rational functions. Students will also develop skills to solve real world problems involving probability and statistics. This course contains higher level mathematical concepts that will prepare students for college entrance exams.

**1452/2452 Precalculus/IB SL Analysis Year 1**

Grades 9, 10, 11, 12

Prerequisite: Credit earned in Honors Advanced Algebra/Advanced Algebra

Precalculus concepts are necessary for further study in many post-secondary fields such as physics, chemistry, engineering, architecture, business, economics, medicine or advanced mathematics. Students will learn to solve and graph polynomial, rational exponential, logarithmic, piecewise, and trigonometric functions. Students will learn to use probability and statistics in a variety of applications. Students will have an initial exposure to sequences and series, vectors, and limits for calculus. Students in Precalculus will use a graphing calculator extensively.

*Honors Mathematics Program is designed so that students study topics in depth and with rigor. Students wanting to enter the Honors Program must be approved by the Mathematics Department. Students selected to participate in the Honors Program may remain in the sequence as long as they continue to excel and have the approval of their teacher and the Math Department.*

**1426/2426 Honors Advanced Algebra and Precalculus**

Grades 9, 10, 11

Prerequisite: Honors Geometry or Geometry with a teacher recommendation and recommended NWEA score of 255 or higher

Honors Advanced Algebra combines Advanced Algebra and Precalculus into one year. Students will learn to solve and graph polynomial, rational, exponential, logarithmic, piecewise, and trigonometric functions. Students will use probability and statistics in a variety of applications. Students will have an initial exposure to sequences and series, vectors and limits for calculus. Topics will be covered more in depth with a strong emphasis on problem solving and applications to math, science, and engineering careers.

**1453/2453 AP Calculus/IB Math HL Analysis Year 1**

Grades 10, 11, 12

Prerequisite: Honors Advanced Algebra and Precalculus with a recommended grade of B or better, or Precalculus

This AP Calculus course will prepare you for taking the AB level of the Advanced Placement exam in calculus. You will learn the concepts and techniques of differential and integral calculus and how to apply calculus to problems in science, business, and engineering. It is the requirement that students enrolled in this course take the AP AB Calculus exam.

### **1454/2454 IB Math SL Analysis Year 2**

Grades 12

Prerequisite: Honors Advanced Algebra and Precalculus or Precalculus

This course is intended for students that are working toward the IB diploma requirements or received a B- or better in Precalculus who want to strengthen their Precalculus skills and want to see an intro to Calculus and Statistics. Topics include vectors, probability and statistics, and introductory calculus. The course will prepare students for the Mathematics SL test in the spring. It is the requirement that students enrolled in this course take the IB SL exam.

### **1455/2455 IB Math HL Analysis Year 2**

Grades 12

Prerequisite: AP Calculus/IB Math HL-1

Mathematics HL is a rigorous two-year course designed for students who will continue to study mathematics or engineering at university and for students who have a good background and genuine interest in mathematics and its challenges. Course topics include: sequences and series, counting and proof, trigonometry, complex numbers, discrete and continuous probability, distributions, functions, differentiation, integration and differential equations, matrices, and vectors. It is the requirement that students enrolled in this course take the IB HL exam.

### **1440/2440 AP Statistics**

Grades 9, 10, 11, 12

Prerequisite: Advanced Algebra recommended with a B or better or Precalculus

We live in the Information Age and making sense of data is a skill needed in most fields of study. Analyzing data, producing data, probability, and making inferences from data are the main ideas in this course. There is a focus on communication and interpretation that utilizes precise reading and writing. Majors such as English, history, fine arts, foreign language, or one of the social sciences are likely to require statistics. Business will likely require both statistics and AP calculus. This course can be taken concurrently with AP calculus. It is the requirement that students enrolled in this course take the AP exam.

### **1442/2442 Statway Statistics**

Grade 11, 12

Concurrent College Enrollment Available

Prerequisite: Must have completed and earned a C- or higher in Advanced Algebra or teacher recommendation and must agree to take this course for the full school year.

This course is a two semester sequence designed to guide students in completing the topics covered in both beginning algebra and college-level introductory statistics in one year. Through this course students will be concurrently enrolled at Normandale Community College. Statway is useful to students whose prospective college academic program is satisfied by an introductory statistics course. First semester covers sampling methods, descriptive statistics, graphing methods, linear and exponential models, and an introduction to probability as well as necessary topics from beginning algebra. The curriculum is based on student collaborative group learning. Second semester provides an opportunity to earn college credit and covers sampling distributions, Central Limit Theorems, confidence intervals, and hypothesis testing for population proportions, population means, and means of paired differences. Chi-square tests for one and two way tables and ANOVA methods are also covered, as well as necessary topics from beginning algebra. Students must earn a C- or higher in the first semester to be eligible for college credit.

# MUSIC DEPARTMENT

## **1754/2754 Varsity Choir**

Grades 9, 10, 11, 12

Varsity Choir is the entry level mixed Choir at the High School. Course work includes sight-reading, ear training, and development of tone quality and blend as students learn to listen to one another. SATB (Soprano/Alto/Tenor/Bass) and SAB (Soprano/Alto/Baritone) arrangements of pop and musical theater songs, as well as classical and cultural works, comprise the repertoire. Three to four public performances during the school year allow students to demonstrate their progress and provide opportunities for solo singing. Varsity choir is a full year commitment.

## **1750/2750 Concert Choir**

Grades 9, 10, 11, 12

Prerequisite: One semester successful completion of Varsity Choir; audition and instructor approval

Concert Choir is open to continuing vocal students who want to sing in a mixed choir. Coursework includes sight-reading, ear training, and development of tone quality and blend as students master more refined choral techniques. SATB (Soprano/Alto/Tenor/Bass) arrangements of pop and musical theater songs, as well as classical works, comprise the repertoire. Three to four public performances during the school year exhibit students' progress and also provide opportunities for solo singing. Concert Choir is a full year commitment.

## **1758/2758 Concert Choir**

\*Offered before school

Prerequisite: One semester successful completion of Varsity Choir; audition and instructor approval.

Same description as above.

## **3025 Park Singers**

Grades 10, 11, 12

Prerequisite: Audition and must be enrolled in a senior high music class

The most advanced and dedicated singers in the vocal music program form the Park Singers. This ensemble performs throughout the year around the Twin Cities. The Park Singers perform a variety of challenging music from the classical, jazz, pop, and musical theater repertoire. This class meets outside of the school day for rehearsals and performances. This is a full year commitment.

**1765/2765 Orchestra**

Grades 9, 10, 11, 12

Prerequisite: Middle School Orchestra or teacher approval

The string orchestra offers students the opportunity to continue musical growth through ensemble playing, scale work, sight-reading, and the study of musical terminology. Students will demonstrate their skills in performance tests, school concerts, solo and ensemble contests, and community performances. Orchestra is a full year commitment.

**3022 Chamber Orchestra**

Grades 9, 10, 11, 12

Prerequisite: Orchestra experience and instructor approval/audition required AND must be enrolled in orchestra both semesters.

St. Louis Park Chamber Orchestra is an advanced orchestra course that emphasizes small ensemble performance skills. This class meets outside of the school day for rehearsals and performances. Chamber Orchestra performances include all of the orchestra concerts along with additional community events and festivals. This is a full year commitment.

**1761/2761 Band - 9th Grade**

Grade 9

Prerequisite: Middle School Band experience

Rehearse, study, and perform a wide variety of music literature. This course will focus on the fundamentals of basic musicianship: tone, technique, scales, sight-reading, ensemble skills, and performance etiquette. Formal concerts and athletic events, along with solo/ ensemble performances, provide opportunities for students to display their musical skills. Band 9 is a full year commitment.

**1760/2760 Symphonic Band**

Grades 10, 11, 12

Prerequisite: Band experience

Develop individual and ensemble playing skills by rehearsing, studying, and performing a wide variety of more advanced band music. This course will help students grow in personal musical understanding, music appreciation, playing techniques, and musicianship. Symphonic Band is a full year commitment. Formal concerts and athletic events, along with solo/ensemble performances provide opportunities for students to display their musical skills.

### **1762/2762 Wind Ensemble**

Grades 10, 11, 12

Prerequisite: Band experience and instructor approval/audition required

This select ensemble will rehearse, study, and perform a wide variety of advanced level band literature and will represent St. Louis Park at a large group contest held each spring. Wind Ensemble is a full year commitment. Formal concerts and athletic events, along with solo/ensemble performances, provide opportunities for students to display their musical skills.

### **3023 Jazz Ensemble**

Grades 9, 10, 11, 12

Prerequisite: Audition required and must be enrolled in a concert band

Jazz Ensemble will meet two mornings a week before school. This group, set up in the form of a big band, will consist of saxophones, trombones, trumpets, piano, bass, guitar, and drums. Students will learn different styles of jazz and improvisation techniques. Jazz Ensemble is a full year commitment. Audition sign-up is available at the beginning of the school year.

### **0800 World Drumming**

Grades 10, 11, 12

World Drumming offers students the opportunity to experience hand drumming and music making in a small group setting. Students will perform various types of music from around the world including traditional African and Caribbean beats. Students will compose and perform their own music. In addition to performing, students will study the cultural importance of drumming around the world. World Drumming is a one semester class.

### **1768/2768 Musical Theatre Writing/Performance**

Grades 10, 11, 12

Do you write stories or poetry – that could be developed into a play or musical? Could your poetry be turned into songs? Can you rap/perform Spoken Word? Do you have songs that could be used in a musical or show? This course is an introduction to the craft of writing and performing musical theatre, utilizing modern compositional tools and techniques to create and perform original musical theatre shows. The course will cover an understanding of the basic elements of dramatic action such as character, conflict, plot, thematic content, theatricality, and aesthetics, setting and dialogue; music composition & theory which includes intervals, rhythm, notation and musical vocabulary; common-practice harmony including triads & inversions, tonality and modality; music technology including MIDI and digital audio, music sequencing, music



notation, digital recording, mixing, and production; knowledge and beginning understanding of the components of acting; class voice training and voice projection and care. Students will use these tools to write both scripts and music for an original work, and will obtain performance training through the project at different levels of difficulty and staging, which will be directed by students and presented in a public performance. This is a Full Year Course.

### **0811 Digital Beat Making**

Grades 9, 10, 11, 12

This semester-long class required no prerequisite except a strong interest in using SoundTrap. Previous experience encouraged, but not required. Through four hands-on, student-led projects, students will gain appreciation for hip-hop, rap, pop and EDM music. They will become more proficient in music composition and vocal improvisation (such as rap). Students will learn more about beat-making and production and how to pursue them as a career pathway. Confidence, presentation skills, time-management and motivation can all increase through successful completion of the course.

# PHYSICAL EDUCATION DEPARTMENT

## **0500 Physical Education: Level I**

Grade 9

Improve your physical health and wellness! This class offers students the opportunity to remain physically active while exploring multiple fitness activities in a least restrictive environment. Units include individual, group, and team activities.

## **0515 Cardio Blast**

Grades 10,11,12

Prerequisite: Physical Education I

While performing in our Cardio Fitness Facility, students will enhance their cardiorespiratory endurance, muscular endurance and muscular strength. This class will allow students the ability to exercise during the school day on our state of the art treadmills, stationary bikes, elliptical trainers and rowing machines. Students will be responsible for developing, implementing and maintaining a daily workout program based upon individual needs and desired outcomes. Designed for the self motivated, healthy lifestyle student seeking to improve/enhance own fitness level.

## **0511 New Moves**

Grades 10, 11, 12 (Females only)

Prerequisite: Physical Education I or permission of instructor

New Moves is a class for girls that focuses on discovering how to improve health and fitness while also practicing ways to manage stress. This class is designed for girls who are looking for ways to be physically active in a less competitive environment. Activities include yoga, weight lifting, kickboxing, guided imagery, some team and individual sports, and games. New Moves is for highly motivated students who want to be active.

## **0524 Recreational Activities for Life**

Grades 10, 11, 12

Prerequisite: Physical Education I or permission of instructor

Recreational Activities for Life provides students with an opportunity to incorporate physical activity and life-long leisure experiences into their lifestyle through game play and practice. Focus units include but are not limited to badminton, pickleball, frisbee golf, tennis, volleyball, walking/jogging. Other team sports will be incorporated as non-competitive activities. Skills and common concepts of each lifelong activity will be presented and developed through practice and match play. Students of all skill and experience levels are encouraged to enroll in this course.

### **0514 Team Sports**

Grades 11, 12

Prerequisite: Physical Education I or permission of instructor

The Team Sports course provides students the opportunity to experience a variety of team sports. Activities included but are not limited to flag football, soccer, ultimate games, speedball, basketball, floor hockey, and lacrosse. Content includes a comparison of various field invasion games examining strategies, proper sportsmanship, refereeing, rules, and skills. This class is designed for the competitive student.

### **0521/0522 Adapted Physical Education**

Grades 9, 10, 11, 12

Prerequisite: Instructor approval required

Students will develop physical fitness by participating in a variety of individual and team sports. The activities are modified to accommodate all students.

### **0526 Introduction to Strength Training**

Grades 10, 11, 12

Prerequisite: Completion of Physical Education I

This course is for 10-12 grade level students with little or no strength training experience. Students who enroll in this course will be introduced to exercise physiology terminology, proper anaerobic exercise prescription, and appropriate exercise protocol. Students will experience a rigorous strength training experience in this course. Students will create individual exercise programs and will log their workout minutes as an on-going document to learn from. This course will also offer students the opportunity to practice goal setting and meeting achievable goals through program refinements and modifications. Ultimately this course is designed for the student who is more interested in, and more serious about learning and improving their application and knowledge of strength training. Students in this course will spend much of their in-class time in focused workouts designed to help them reach their strength goals.

### **0527 Advanced Strength Training**

Grades 10, 11, 12

Prerequisite: Previous strength training experience or instructor approval

This course is for students with a basic understanding of strength training principles and knowledge of proper lifting technique. Strength Training will review the fundamentals and provide for continued improvement in strength, muscular endurance, and flexibility development. Students will develop a personal program for exercise and wellness.

# SCIENCE DEPARTMENT

## **1300/2300 Science 9**

Grade 9

This is a yearlong course that will focus on a variety of science topics with a focus on environmental science. Students will develop their critical thinking skills through numerous activities, labs and projects. Students will also expand their general scientific knowledge, so they can think for themselves in an organized way. Lastly, this course is designed to offer students insight into the means by which scientific knowledge is acquired. This course will serve as a prerequisite for later courses in physics, chemistry and Biology!

## **1342/2342 AP Environmental Science (Honors Science 9)**

Grade 9

Environmental science is an interdisciplinary course that includes a wide variety of topics from different areas of study. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. It is the expectation that students take the AP exam.

## **1325/2325 Chemistry**

Grades 10, 11, 12

Prerequisite: Science 9

Study the composition of substances and the changes they undergo. You will learn about matter, energy, atomic structure, chemical names, formulas and reactions, the behavior of gases, the mole, and the scientific method. This course requires use of mathematical formulas to calculate various chemical quantities. It also includes experiments and investigations to help you understand the concepts of chemistry and see the relevance of those concepts in your life.

## **1319/2319/3319 IB Chemistry SL**

Grades 10, 11, 12

Prerequisite: Science 9

IB Chemistry SL is a 3 semester course that will use a first year college text to study: stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, organic chemistry and biochemistry. Students will learn an appreciation of the importance of chemistry in

society, build skills in analytical thinking and problem solving and become proficient in developing and performing laboratory exercises. This course will fully prepare students who are planning on pursuing science at the university level or those who just want a solid understanding of the field of chemistry. It is recommended that students take the IB exam given in May.

### **1312/2312 Biology**

Grades 11, 12

Prerequisite: Science 9

Biology is the study of living things. Students will explore a variety of concepts such as the structure and function of cells, photosynthesis, cellular respiration, Genetics, viruses and Prokaryotes, and much more. Students will be encouraged to question how things work in the world around them and will be guided in how to take these questions and design a scientific exploration.

### **1308/2308 IB Biology HL-1**

Grades 11, 12

Prerequisite: Chemistry or IB Chemistry SL

IB Biology HL -1 is the first year of a two-year intensive study in biology. Biology is the study of life; its diversity and its interactions on Earth. The first year will cover the relationship of structure and function at all levels of complexity. Students learn about cell theory, the chemistry of living things, genetics and DNA as well as microbiology, the immune system and evolution. Throughout this challenging course, students enjoy multiple opportunities for scientific study and creative inquiry within a global context. Students are highly encouraged to take both years of IB Biology. Students must take IB Biology HL -1 to enroll in IB Biology HL-2.

### **1309/2309 IB Biology HL-2**

Grade 12

Prerequisite: Chemistry and IB Bio HL-1

IB Biology HL-2 is the second year of IB Biology HL. Part of the course is the review and mastery of concepts started in IB Biology HL-1. New material is then added to an established foundation. Additional topics not covered in the first year that will be addressed in the second year include plants and human anatomy and physiology. Higher Level students must complete one of the four options on topics chosen by the instructor. Because IB science courses seek to develop students' experimental and investigative scientific skills, students will be expected to do extensive laboratory work as well as reading and writing. Students will also conduct one internal assessment that will be 24% of their final IB score. Students will be prepared to take the Biology HL

exam in the spring of their senior year. It is recommended that students take the IB exam given in May.

### **1335/2335 Physics**

Grades 11, 12

Prerequisite: Science 9

Students will study and explore a variety of concepts like motion, force, electricity, and energy. This course encourages students to use critical thinking skills to answer questions, solve problems, build models, perform experiments, and communicate results. Students will demonstrate their knowledge and skills through tests, design projects, quizzes, and lab work. This class is ideal for students who want to understand the world around them.

### **1336/2336 IB Physics SL**

Grades 11, 12

Prerequisite: Science 9 and Precalculus

IB Physics is designed to introduce students to the laws of physics, the experimental skills required in physics, and the social and historical aspects of physics as an evolving body of human knowledge about nature. Course topics include: measurement, mechanics, thermal physics and properties of matter, waves, electricity and magnetism, and atomic and nuclear physics. Physics SL students must complete three of eight optional topics in: mechanics extension, atomic and nuclear physics, extension, energy extension, biomedical physics, historical physics, astrophysics, special and general relativity, or optics. The course seeks to develop students' experimental and investigative scientific skills. Students will spend 25% of classroom time doing laboratory work that covers a wide range of topics and skills, and they will complete a multi-disciplinary group science project. Students will be prepared to take the standard level IB exam in the spring. It is recommended that students take the IB exam given in May.

### **1370/2370 Engineering I**

Grades 10, 11, 12 (Priority given to 10<sup>th</sup> graders)

Engineering I is a full year course that serves as the prerequisite for Engineering II. It is the introductory course in our 3-year Engineering Program. Students will have the option to continue for two subsequent years. Students will focus on the engineer design cycle and the improvement of their problem solving skills. This course will focus on fundamental, mechanical engineering concepts such as forces, structures, machines and data collection. Throughout the year students will engage in self-guided explorations which will require students to put their math, science, use of technology

and creativity to the test! This course is an elective and does not meet any graduation requirements for science.

### **1371/2371 Engineering II**

Grade 11, 12

Prerequisite: Engineering I or Intro to Engineering CAD

Engineering II is the second year of our 3-year engineering program. Students will continue to focus on the engineering design cycle and problem solving skills through the use of Legos® and the E3 curriculum. Year 2 will require students to apply the concepts and skills that they learned in year one as they explore motors, drive systems, 3D modeling, assembly and prototyping using Legos®. Students will be challenged to work with their partner to design and build some pretty complex robots during year 2. Students must be self-motivated, curious about how things work, persistent and willing to make mistakes in this course. This course is an elective and does not meet any graduation requirements for science.

### **1372/2372 Engineering III**

Grade 12

Prerequisite: Engineering II

Engineering III is the final course in the engineering program. Students will apply the engineer design cycle, knowledge of AutoCAD Inventor, Legos® and LabVIEW to design their very own search and recovery robot. This course will explore control systems, sensors, programming, coding, prototyping and assembly of a hybrid, rescue robot. This course will challenge participants to come up with their very own solutions to successfully guide their creation through the rescue site. Students must be self-motivated, determined and willing to make mistakes! This class is an elective and does not meet any graduation requirements for science.

### **1343/2343 IB Environmental Systems and Societies SL**

Grades 11, 12

IB environmental systems and societies standard level course aims to provide students with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Students' attention is constantly drawn to their own relationship with their environment and the significance of choices and decisions that they make in their own lives. It is intended that students develop a sound understanding of the interrelationships between environmental systems and societies, rather than a purely journalistic appreciation of environmental issues. It is recommended that students take the IB exam given in May.

## **1360/2360 IB Sports, Exercise and Health Science SL**

Grades 11, 12

Prerequisite: Successful completion of Science 9

Articulated College Credit Available

IB Sports, Exercise and Health Science SL involves the study of the science that underpins physical performance and provides the opportunity to apply these principles. It incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition, which are studied in the context of sport, exercise and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise and health relative to the individual and in a global context. It is recommended that students take the IB exam given in May.



# **SOCIAL STUDIES DEPARTMENT**

## **1207/2207 Civics/Economics (Honors Option)**

Grade 9

This course covers the U.S. Constitution, and analyzes the principles of U.S. democracy. We explore the structure of U.S. Government and how different groups impact the political process. Students will apply their learning in simulations of the government policy-making process. During the economics portion of the course, students will learn about how people confront scarcity--by balancing costs and benefits and making choices. Major microeconomic topics are supply, demand, prices, and market failures. Macroeconomics includes an examination of the economy overall and of government policy. Students will have the option to earn honors credit by completing additional assignments, essays, and projects throughout the course.

## **1215/2215 World History**

Grades 10, 11, 12

War, poverty, trade imbalances, and immigration are a few of the world topics that leave the average American feeling confused or wondering why. The World History course is designed to give students an understanding of the ideas, events and people that have shaped the world we see today. World History will focus on the historical development of countries and cultures in many different regions of the world. A corresponding focus will be geography and the impact of human interactions between regions. Students will act as historians as they complete research.

## **1226/2226 AP World History**

Grades 10, 11, 12

Prerequisite: Contract agreement required

Challenge yourself and pursue your interest in history through a study of the global human experience from the Neolithic era to the present. What makes human civilizations unique? What is similar about the way that people across the world live? Within each unit, students examine several societies and regions, comparing political structure, commercial and cultural exchange, gender and family organization, technology and environmental impact. It is recommended that students take the AP exam given in May.

## **1210/2210 U.S. History**

Grades 11, 12

Who are we? That is the question that U.S. History will address as students explore the political, social, economic, intellectual, technological, religious, geographic and aesthetic

development of the United States through the significant themes of American history. Students will learn about the conflicts that arose in each era as a result of competing interests and ideals and conduct research in order to better understand the impact these conflicts have had on American society.

### **1220/2220 AP U.S. History**

Grades 11, 12

Prerequisite: Application process required

Learn the analytic skills and factual knowledge necessary to deal critically with the political, social, economic, intellectual, technological, religious, geographic and aesthetic development of the United States. Students will draw conclusions based on informed judgment and present them with supporting evidence in clearly written essays. Students may earn advanced standing or college credit based on their exam scores. It is recommended that students take the AP exam given in May.

### **1225/2225 AP European History**

Grades 10, 11, 12

Advanced Placement European History is a chronological study of Western European history from 1450 to the present. According to the AP Course Description, "These events and movements are explored through three themes; intellectual and cultural history, political and diplomatic history, and social and economic history. In addition to providing a basic narrative of events and movements, the goal of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and express historical understanding in writing." It is recommended that students take the AP exam given in May.

### **1230/2230 AP Psychology**

Grades 11, 12

The AP Psychology course is designed to offer students an opportunity to complete studies in secondary school equivalent to an introductory college course in psychology. Qualified students may earn college credit or advanced standing in psychology at their future college or university. The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods of psychological research. It is recommended that students take the AP exam given in May.

## **1231/2231 IB Psychology SL**

Grades 11,12

The course of study for IB Psychology SL focuses on the systematic study of human behavior and the mental and experiential factors that influence our behavior. This course can be used as either an International Baccalaureate Group 3 selection or as an IB elective. Students will develop an understanding of the historical roots of psychology as well as an appreciation for the diversity of the human experience. Through the study of the three major approaches to behavior—biological, sociocultural, and cognitive—students will learn the skills of critical thinking and methods of empirical investigation that are the hallmarks of psychology. Attention will be given to ethical procedures and issues throughout the course. Students will also have the opportunity to design and administer a psychological experiment when completing their internal assessment. The Standard Level IB curriculum will explore one of four optional subject areas in depth. It is recommended that students take the IB exam given in May.

## **1221/2221 IB History HL-1: History of the Americas**

Grade 11

This is the first year of a rigorous two-year college level course designed to promote critical thinking skills, reflection, and historical research on past and present issues in North, South and Central American histories. This course is mainly focused on counternarratives; understanding history through the often untold stories. We will go into depth in three units of study which will each interrogate the ways race, gender, religion and power have created how we have gotten to where we are today. During the first year of this course students will complete an IB Internal Assessment research project of their choice. If students complete both years of the IB HL course, it is recommended that students take the IB History HL exam in May.

## **1227/2227 IB History SL: History of Authoritarian States**

Grade 12

This is a one-year course focusing on 20th Century History and has the same content as the second year of the IB History HL class. This course is designed to promote historical research, critical thinking skills, reflection on past and present issues, and understanding of history as a discipline. Studies this year focus on two main themes of 20th century history: authoritarian dictatorships, and the causes, practices, and effects of wars. It is the recommendation that students take the IB History SL exam.

## **1228/2228 IB History HL-2: History of Authoritarian States**

Grade 12

This is the second year of a rigorous two-year college level course designed to promote historical research, critical thinking skills, reflection on past and present issues, and understanding of history as a discipline. Studies this year focus on two main themes of 20th century history: authoritarian dictatorships, and the causes, practices, and effects of wars. It is recommended that students take the IB History HL exam.

## **1235 AP Microeconomics**

Grades 11, 12

Economics is the study of how people make choices given the reality of scarce resources. In this one-semester course, students will learn fundamental economic principles, how markets work, how firms compete, how markets fail, how income is distributed, and how government intervention impacts market outcomes. In addition to introducing the vocabulary of economic analysis, the course emphasizes drawing, manipulating and interpreting graphs that represent economic reality. This will be valuable preparation for anyone with a college economics course in his or her future. Students may earn college credit if they take the Advanced Placement Microeconomics Exam in May. It is recommended that students take the AP exam.

## **2235 AP Macroeconomics**

Grades 11, 12

Prerequisite: Microeconomics

Macroeconomics is the study of the economy as a whole, using broad measures of output, employment, income, and prices. Students will learn about measuring the economy, how it functions, and how it can be distributed or stabilized. In addition, we will explore the role of money, banking and international trade in our economic system. This one-semester course is good preparation for college economics courses. In addition, it will enrich the perspectives of students with a particular interest in political science and government. Students may earn college credit if they take the Advanced Placement Microeconomics exam in May. It is recommended that students take the AP exam.

## **0276 Law and Public Policy**

Grades 10, 11, 12

This course gives students the basic understanding of how law and policy function to influence their everyday lives. The first half of the course examines civil and criminal law. We cover topics from how to sue your neighbor to how to prosecute a homicide case. In the second half of the course, we focus on public policy topics like immigration,

firearms, energy, environment, education, etc. This course will teach you to be a savvy debater, well-informed citizen, and a thoughtful media analyst.

### **0281 Introduction to Criminal Justice**

Grades 11, 12

Articulated College Credit Available

The goal of this course is to help students develop an introductory understanding of the criminal justice system in the United States. This course is 'articulated' with Normandale Community College, which means it is taught using Normandale's class syllabus and students can earn Normandale credits for successful completion of the course. The use of Normandale's syllabus creates a fast paced course, with expectations that students have the academic ability to read and write at a college level. Topics include the history of law enforcement, courts, prisons, jails, parole and capital punishment. Additionally, we analyze the relationships between criminal punishment and social processes, including; ethnic, racial and class inequality, political and economic change and popular representations of crime and criminals. It is highly suggested that students take the class called *Law and Public Policy* before registering for this class.

### **0282 World Religions**

Grade 12

Did you know there are over four thousand religions in the world?! World Religions is a course to introduce students to the multiple ways in which people from across the globe carry out their faith. In this course we will explore many different religions, including the five major world religions of Christianity, Judaism, Islam, Buddhism and Hinduism. Other religions and ways of life will also be explored that include, but are not limited to: Jainism, Shintoism, Confucianism, Bahaism and Indigenous Peoples religions. We will explore how history, geography, and culture have impacted these religions and the way they are practiced. Students should come prepared with an open mind and a strong desire to understand these belief systems.

### **0273 Sociology**

Grade 12

Ever wonder how things become the "norm"? Why do girls like pink and boys like blue? Why is anyone who is "different" is "awkward"? In this course, we will explore the effects of socialization on different aspects of identity such as race, gender and religion and its impact on crime, family, and media. We will learn to critically examine the subtle and overt lessons surrounding us in everyday life that push us into conforming into mainstream American society. This course will give you the tools to understand why politicians, actors, athletes, families, teachers, classmates, friends, and even yourself act the way they do and the consequences of this norming.

## **0283 Revisiting Ethnicity and Culture in U.S. History**

Grades 10, 11 and 12

Revisiting Ethnicity and Culture in US History is a semester-long course which revisits US History thematically through a multicultural lens in order to uncover largely hidden counter-narratives. This survey course primarily examines Native American, Black, Latinx, and Asian-American history. Students will learn to question white supremacist constructions of knowledge, learn from anti-essentialist representations of US History and develop critical hope. With a community grounded praxis in mind, students in this course engage in at least one service project of their design related to a broader applied understanding of the course material. Sophomores, Juniors, and Seniors are welcome to take this course, regardless of their culture of origin or their prior knowledge of critical race theory.

# **SPECIAL EDUCATION DEPARTMENT**

## **Skills**

Grades 9, 10, 11, 12

Skills class provides students support in individual areas of need such as academic, organization, assignments, social emotional or other. The class format includes weekly grade check-ins, prioritizing completion of missing assignments, development of organizational strategies, self-advocacy practice and improvement. This class differs from a mainstream study hall in that students in Skills will earn a credit upon completion.

## **Math**

Grades 9, 10, 11, 12

The Math classes in special education are designed to meet the needs of students with Specific Learning Disability in Math or students who have not been successful in a mainstream math class. The resource math classes fulfill the state standards and align with the mainstream math classes including Algebra and Geometry skills.

## **Language Arts**

Grades 9, 10, 11, 12

The Language Arts classes in special education are designed to meet the needs of students with Specific Learning Disability in Reading or Writing, or students who have not been successful in a mainstream English class. The resource language arts classes fulfill the state standards and align with the mainstream English classes including novel studies, self-paced computer literacy program, paragraph and essay writing skills, etc.

## **Social Emotional Learning**

Grades 9, 10, 11, 12

The Social Emotional Learning (SEL) class provides student support in individual areas of need such as coping strategies, age appropriate social skills, problem solving, collaborative discussions, emotional regulation, etc. The class format includes weekly grade check-ins, development of organization strategies, self-advocacy practice and improvement, group discussions and activities.

# **WORLD LANGUAGES DEPARTMENT**

## **1901/2901 French I**

Grades 9, 10, 11, 12

In French I, students will use music, culture, and games to learn to communicate about themselves and their world. Students will compare and contrast the diverse cultures and traditions of French speaking countries to learn more about their own cultures. By the end of the year, students will show listening, reading, writing and speaking skills by having short, simple conversations and writing short, simple paragraphs in French about themselves, likes and dislikes, school, food, and traditions.

## **1902/2902 French II**

Grades 9, 10, 11, 12

Prerequisite: French I

In French II, students will continue to build reading, writing, listening and speaking skills. They will learn how to talk and write about homes, families, and learn how to use French in real world situations like shopping and traveling. Students will continue examining the rich practices of French speaking cultures around the world.

## **1903/2903 French III**

Grades 9, 10, 11, 12

Prerequisite: French II

In French III, students will continue to build their foundation in reading, speaking, writing, and listening. Students will explore and be able to describe such topics as their community and surroundings. Students will learn to use French in real world situations like telling stories, giving their opinion, and navigating a French-speaking city. Students will examine more deeply the rich practices of French speaking cultures around the world.

## **19041/29041 French IV/ IB French Language B SL-1**

Grades 9, 10, 11, 12

Prerequisite: French III

Students will practice all four modalities (reading, speaking, writing, listening). Students will read more complex texts including *Le Petit Prince*. A variety of complex grammar structures will be covered in the written and spoken form. Students will discuss the historical influences of art, technology, and literature that shape the identity of French-speaking people. Students will be expected to communicate only in French.



## **19052/29052 French V/IB French Language B SL-2**

Grades 11, 12

Prerequisite: French IV

Students will practice all four modalities (reading, speaking, writing, listening) while learning about global issues that currently affect life in French-speaking countries around the world. Authentic text sources will include various text types such as: podcasts, music, articles, stories, informational brochures, film, and advertisements in the French language. The course will be held in French and students will be expected to communicate only in French. Some topics may include: immigration and the multicultural French society, global environmental problems & solutions, educational structures in the French-speaking world, and political systems. Students are encouraged to take the IB exam.

## **1908/2908 IB French HL-1**

Prerequisite: Instructor approval

## **1909/2909 IB French HL-2**

Prerequisite: Instructor approval

## **1911/2911 German I**

Grades 9, 10, 11, 12

In this class you will take your first steps toward learning German. We will focus on the basic building blocks of the German language: recognizing and producing letters, words and sounds; forming a foundational vocabulary for things, actions and descriptions; recognizing similarities and differences to English; and learning how to form simple statements and questions. We will practice our skills by reading, writing and speaking and listening in German. To do this we will use authentic texts such as: songs, rhymes, infographics, advertisements, memes, games and stories. You will be learning in the larger group setting, but also in pairs, small groups and independently. Our themes include: “Hallo!” (Introductions), “That’s me”, Family, Hobbies, Daily activities, My School, Food. We will also learn about the cultural perspectives and practices of German speakers. This includes German speakers with a migrant / multicultural background. Those cultural perspectives will help us to reflect on our own cultural perspectives.

## **1912/2912 German II**

Grades 9, 10, 11, 12

Prerequisite: German I

In this class we will expand on those foundational skills we learned in German 1. Here you will begin to use the German language more to communicate. You will be able to

relay and elicit information about yourself and others with more detail and depth in spoken and written forms. You will also use oral and written German to make plans with others, give and receive directions and connect with others. You will begin to understand shorter texts in German as well as: simple infographics, songs, poems and advertisements. Some topics include: Making plans, Daily activities, Getting around. You will be learning in various settings: larger group, pairs, small groups and independently. Our topics gain us access to cultural perspectives and practices of German speakers. This includes German speakers with a migrant or multicultural background. Those cultural perspectives will help us to reflect on our own cultural perspectives.

### **1913/2913 German III**

Grades 9, 10, 11, 12

Prerequisite: German II

In German 3 we will expand on those skills we learned in German 2. Our goal is to use German to communicate and express ourselves even more! You will understand and produce more challenging words and sounds in German. You will begin to comprehend somewhat longer texts in German as well as infographics, songs, poems and advertisements. We will practice talking about our lives and actions, but also comparing and offering opinions. This will all take place in various learning settings: larger group, pairs, small groups and independently. Some topics include: Daily Routines, Media use, Friendship, "Are you fit?". Our topics will afford us access to cultural perspectives and practices of German speakers. This includes German speakers with a migrant or multicultural background. Those cultural perspectives will help us to reflect on our own cultural perspectives.

### **19181/29181 German IV/IB German Language B SL-1**

Grades 9, 10, 11, 12

Prerequisite: German III

In German 4 we will expand on those skills we learned in German 1-3. We will learn to communicate in German about personal as well as current and historical topics. You will understand and produce more challenging words and sounds in German. Together, we will interpret longer texts (200-300 words) in German using authentic texts such as: infographics, podcasts, songs and stories. This will take place in various learning settings: large groups, pairs, small groups and even independently. Topics may include: Berlin Wall and its Effects, Stress Management, Emotions, Our Environment. Our topics will help us gain insight into the cultural perspectives and practices of German speakers. This includes German speakers with a migrant or multicultural background. These cultural perspectives will help us to reflect on our own cultural perspectives. This class is simultaneously offered in an IB Format. Please speak with the instructor for more information.

**19182/29182 German V/IB German Language B SL-2**

Grades 9, 10, 11, 12

Prerequisite: German IV

In German 5 we will further expand on those skills we have learned. We will learn how to greatly expand our command of the German language using semantic connections. We will interpret longer texts of 300 words or more. We will use authentic texts of all kinds such as: songs, interviews, articles, podcasts and even television shows. Our themes may include: Fake News, Social Media, Food Waste, Immigration. We will discuss the ways in which language, cultural rules and traditions reflect and reinforce our cultural value systems. This class is simultaneously offered in an IB Format. Please speak with the instructor for more information.

**1916/2916 IB German HL-1**

Prerequisite: Instructor approval 1917/2917

**1917/2917 IB German HL-2**

Prerequisite: Instructor approval

**1954/2954 Intermediate Hebrew**

Grades 9, 10, 11, 12

Prerequisite: Working knowledge of Hebrew (written and spoken)

This course is designed to help students gain skills in Hebrew speech, writing, oral comprehension, grammar, and reading comprehension. Students will raise the level of day-to-day speech—developing the ability to express opinion or thought in a clear and simple manner. Students will also develop writing skills to the level of simple dialogues, short letters, and diary entries. Students will engage in intermediate level texts and comprehension questions; focusing on grammar development. Finally, students will be able to understand dialogues, stories, and conversations in Hebrew.

**1949/2949 Advanced Hebrew/IB Hebrew Language B SL-1**

Grades 9, 10, 11, 12

Prerequisite: Intermediate Hebrew

This course is designed to prepare students to read authentic Hebrew texts and to develop a higher level of comprehension and speech. Students will raise the level of speech to express an opinion in clear, advanced Hebrew, and will take part in discussions on a variety of topics. There will be writing in various formats: dialogues, formal and informal letters, diaries, statements of opinion, etc. Students will develop oral comprehension, grammar, and reading comprehension skills to the advanced level.

### **1944/2944 IB Hebrew Language B SL**

Grades 11, 12

Prerequisite: Advanced Hebrew

This IB course is designed for foreign language students and focus on the interaction between speakers and writers of the language. The aim of the course is to prepare students to use Hebrew appropriately in a range of situations and for a variety of purposes. The course also allows students to develop awareness and appreciation of Hebrew culture. The course prepares students to take the Hebrew IB Standard Level exam given in May of each year. It is the expectation that students take the IB exam.

### **1921/2921 Spanish I**

Grades 9, 10, 11, 12

In Spanish I, we will use music, culture, and games to learn to communicate about ourselves and our world. We will compare and contrast the diverse cultures and traditions of Spanish speaking countries to learn more about our own cultures. By the end of the year we will show our listening, reading, writing and speaking skills by having short, simple conversations and writing short, simple paragraphs in Spanish about ourselves, our likes and dislikes, school, food, and traditions. If you speak Spanish at home regularly, this may not be the appropriate course for you. Please consult with the Spanish department for placement.

### **1922/2922 Spanish II**

Grades 9, 10, 11, 12

Prerequisite: Spanish I

In Spanish II we will continue to build our reading, writing, listening and speaking skills. We will learn how to talk and write about our homes, families, and learn how to use Spanish in real world situations like shopping and traveling. We will continue examining the rich practices of Spanish speaking cultures around the world. If you speak Spanish at home regularly, this may not be the appropriate course for you. Please consult with the Spanish department for placement.

### **1923/2923 Spanish III**

Grades 9, 10, 11, 12

Prerequisite: Spanish II or instructor permission

In Spanish III students will continue to build their foundation in reading, speaking, writing, and listening in Spanish. Students will explore and be able to describe such topics as their community and surroundings, health and well-being, and celebrating holidays. Students will learn to use Spanish in real world situations like describing a heroic act, injuries, and getting medical attention. We will continue examining the rich

practices of Spanish speaking cultures around the world. If you speak Spanish at home regularly, this may not be the appropriate course for you. Please consult with the Spanish department for placement.

### **1930/2930 Spanish IV/IB Spanish Language B SL-1**

Grades 9, 10, 11, 12

Prerequisite: Spanish III or instructor permission

Students in this course students will continue to expand their foundation in reading, speaking, writing, and listening in Spanish. Spanish IV / IB Spanish themes include: Identities, Experiences, Human Ingenuity, Social Organization, and Sharing the Planet. Speaking and listening will be emphasized and class will be conducted primarily in Spanish. Students will discuss a variety of current events, customs, traditions and other important topics related to Spanish-speaking communities. Students will also read more complex authentic texts, such as articles, essays, and short stories related to the topics studied. Written work will include learning and practicing a variety of text types including emails, blog entries, letters, and pamphlets. Students are encouraged to continue on to Spanish V/ IB Spanish B SL-2 course the following year and to take the IB exam in May of that year.

### **1936/2936 Spanish V/IB Spanish Language B SL-2**

Grades 11, 12

Prerequisite: Spanish IV or instructor permission

Students will continue to develop their reading, speaking, writing, and listening skills while learning about current global issues that affect life in Spanish-speaking communities around the world. Spanish V / IB Spanish themes include: Identities, Experiences, Human Ingenuity, Social Organization, and Sharing the Planet. Information and cultural perspectives will be examined through the use of authentic texts, such as podcasts, songs, articles, stories, and film in Spanish. Through the study of the core themes, students will enhance their ability to understand and discuss current events and issues from a more global perspective. The course will be held primarily in Spanish and students will be expected to communicate in Spanish. In this course, students will be prepared and encouraged to take the IB Exam.

### **1970/2970 IB Spanish Language B HL-1**

Prerequisite: Spanish VIII or instructor permission

### **1971/2971 IB Spanish Language B HL-2**

Prerequisite: Spanish VIII or instructor permission

### **1938/2938 Spanish VII: Pre-AP Spanish**

Grades 9, 10, 11, 12

Prerequisite: ESP junior high program or instructor approval

The Spanish VII course will allow students to further develop their Spanish language beyond the intermediate level and begin preparation for Advanced Placement (AP) Language and Culture level work. Through listening, speaking, reading and writing in the target language, students will build additional vocabulary, improve previously learned grammatical concepts, and grow their knowledge of the culture, history, arts, traditions, and community and global challenges of the Latin-American countries and of Spain. Students will study and discuss authentic texts, and audio/visual materials. Spanish VII is designed for those students who come from an immersion school setting, have extensive experience in a Spanish speaking country, or are heritage speakers with a strong academic foundation. The course is conducted exclusively in Spanish, and all students are expected to speak the target language at all times in the classroom setting.

### **1968/2968 Spanish VIII: AP Spanish Language and Culture**

Grades 10, 11, 12

Prerequisite: Spanish VII or instructor permission

This course is an intensive study of Spanish language in preparation for the AP® Spanish Language and Culture exam. It is equivalent to fifth and sixth semester college courses, and it emphasizes advanced grammar, vocabulary, culture, and composition as well as listening comprehension and oral production. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students compare and contrast cultural perspectives between their communities and those of a Spanish speaking community. This is a rigorous course taught exclusively in Spanish, and all students are expected to speak the target language at all times in the classroom setting. Spanish VIII is designed for those students who come from an immersion school setting, have extensive experience in a Spanish speaking country, or are heritage speakers with a strong academic foundation. It is expected that students will take the Advanced Placement Spanish Language and Culture Exam at the end of the year.

### **1975/2975 Spanish IX: AP Spanish Literature and Culture/IB Language A Language and Literature SL-1**

Grades 11, 12

Prerequisite: Spanish VIII

The AP Spanish Literature and Culture course will allow students to explore Spanish, Latin-American, and U.S. Latino authors and their works from the medieval period to present day. Students will make thematic connections between texts of various genres

and historical periods. They will make interdisciplinary connections to the literature of the Spanish-speaking world through art, music, film, history and other academic disciplines. Students will build their Spanish language proficiency through critical reading and analytical writing. This course is aimed for Spanish native speakers with a strong academic foundation, or for students who have successfully completed the AP Spanish Language and Culture course. It is the expectation that students take the AP Spanish Literature and Culture test at the end of the year.

### **1976/2976 Spanish X/IB Language A Language and Literature SL-2**

Grades 12

Prerequisite: Spanish IX

Throughout this course, students will develop an understanding of the relationship between literary and non-literary texts and a variety of perspectives, cultural contexts, and global and local issues. Through different lenses, including gender, race, nationality, class and ethnicity, students will explore topics such as the construction of identity, migration and the dynamics of power and resistance. The course will use a constructive approach to learning to foster the development of thinking, social, communication, self-management, and research skills. In order to enroll in this class, all students should have successfully completed the Spanish IX course.

### **SH 1979/2979 Spanish for Heritage Speakers: Year 1**

Grades 9, 10, 11

Prerequisite: Spanish native or heritage speaker (Spanish is home language).

This course is designed specifically for native or heritage speakers of Spanish. A heritage speaker is someone who speaks and understands Spanish, and whose family speaks Spanish as a first language. The purpose of this course is to enable students to develop proficiency in all four language skills: reading, writing, speaking and listening. Students will read a variety of authentic texts and practice written expression. Grammar concepts from basic to complex will be covered. In addition, this course will allow students to explore the cultures of the Hispanic world including their own to help them deepen understanding of their own identity as bilingual and bicultural individuals.

### **SH 1981/2981 Spanish for Heritage Speakers: Year 2**

Grades 10, 11, 12

Prerequisite: Spanish for Heritage Speakers: Year 1

This course is designed specifically for native or heritage speakers of Spanish who have completed Spanish for Heritage Speakers: Year 1. The purpose of this course is to enable students to enrich proficiency in all four language skills: reading, writing, speaking, and listening. Students will read a variety of authentic texts and practice written expression. Grammar concepts from intermediate to complex will be covered. In

addition, this course will allow students to continue their exploration of the cultures of the Hispanic world, including their own, to help them deepen understanding of their own identity as bilingual and bicultural individuals.

### **1982/2982 Spanish for Heritage Speakers: Year 3**

Grades 11, 12

Prerequisite: Spanish for Heritage Speakers: Year 2

This course is designed specifically for native or heritage speakers of Spanish who have completed Spanish for Heritage Speakers: Year 2. The purpose of this course is to enable students to enrich proficiency in all four language skills: reading, writing, speaking, and listening. Students will read a variety of authentic texts and practice written expression. Grammar concepts from intermediate to complex will be covered. In addition, this course will allow students to continue their exploration of the cultures of the Hispanic world, including their own, to help them deepen understanding of their own identity as bilingual and bicultural individuals.



# 2021-22 Elective Course Options by Pathway

## Business & Finance

- 06101 Online Personal Financial Management
- 0618 Business Innovations\*
- 0621 Intro to Accounting\*
- 0610 Personal Financial Management
- 1625/2625 School Store Operations
- 1630/2630 Work Based Learning
- 1235 AP Microeconomic
- 2235 AP Macroeconomics

## Marketing & Management

- 0612 Intro to Marketing\*
- 0618 Business Innovations
- 0644 DECA (the class)
- 0613 Fashion Marketing & Merchandising\*
- 0610 Personal Financial Management
- 1625/2625 School Store Operations
- 3221/3222 Community & Business Partnerships
- 1630/2630 Work Based Learning
- 06101 Online Personal Financial Management

## Career Based Experience

- 1630/2630 Work Based Learning

## Computer Science

- 0642 Computer Hardware & Software Fundamentals\*
- 0641 Video Game Design
- 0643 Intro to Programming
- 1015/2015 AP Computer Science Principles
- 1630/2630 Work Based Learning

## Business, Computer Science, & Marketing

## Visual Arts

- 0569 Mixed Media Art
- 0571 Pottery I
- 0572 Pottery II
- 0555 Intro to Art
- 0565 Draw/Illustration
- 0584 Online Drawing
- 0551 Painting
- 0677 Digital Artwork Design\*
- 0655 Intro to Graphic Design\*
- 0560 Digital Photo Editing \*
- 0653 Page Layout Design
- 0678 Photography\*
- 0688 Online Photography\*
- 1680/2680 IB Visual Arts SL

## Career Based Experience

- 1630/2630 Work Based Learning

## Arts & Communication

## Audio/Video Technology & Film

- 0192 Cinema
- 119/2119/3119 IB Film SL

## Performing Arts

- 0194 Theater Arts
- 1754/2754 Varsity Choir
- 1750/2750 Concert Choir
- 1758/2758 Concert Choir – Before School
- 3025 Park Singers
- 1765/2765 Orchestra
- 3022 Chamber Orchestra
- 1761/2761 Band – 9th Grade
- 1760/2760 Symphonic Band
- 1762/2762 Wind Ensemble
- 3023 Jazz Ensemble
- 0800 World Drumming
- 1768/2768 Musical Theatre Writing/Performance
- 0811 Digital Beat Making

## Journalism & Broadcasting

- 0157 Creative Writing
- 0159 Journalism
- 115/2115 Advanced Journalism: News Writing (Echo)
- 1116/2116 Advance Journalism: Magazine Writing (Echowon)



## Health Science

- 0511 New Moves (Females only)
- 0524 Recreational Activities for Life
- 0514 Team Sports
- 0515 Cardio Blast
- 0526 Introduction to Strength Training
- 0527 Advanced Strength Training
- 0546 Adulting & Wellness
- 0547 Nursing Assistant (CNA) with First Aid, CPR & AED Certification
- 0342 Health Care Core\*
- 0342 Online Health Care Core\*
- 0345 Health Professions Terminology\*
- 1360/2360 IB Sports, Exercise & Health Science SL\*\*

## Human Services

- 1230/2230 AP Psychology
- 1231/2231 IB Psychology SL
- 0273 Sociology

## Health Sciences & Human Services

## Career Based Experience

- 1630/2630 Work Based Learning

## Law, Public Safety & Security

- 0276 Law and Public Policy
- 0281 Introduction to Criminal Justice\*

## Education & Training

- 0737 Introduction to Urban Education and Reflective Teaching (EDU 200)\*\*
- 114/2114 Theory of Knowledge (TOK)
- 2141/2142/2143 IB Extended Essay

## Government & Public Admin

- 0282 World Religions
- 0283 Revisiting Ethnicity and Culture in US History

## Engineering, Manufacturing, & Construction

## Construction & Architecture

- 0662 Construction Technologies\*
- 0661 Woodworking I\*
- 0664 Woodworking II\*

## Engineering

- 1370/2370 Engineering I
- 1371/2371 Engineering II\*
- 1372/2372 Engineering III
- 0660 Introduction to Engineering CAD\*
- 0557 Fabrication Lab Essentials

## Career Based Experience

- 1630/2630 Work Based Learning

\*Articulated College Credit Available

\*\*Concurrent College Credit Available



**St. Louis Park High School**