

Course Descriptions 2nd Semester 2012-2013

Ashley Van Hemert

Period 1: Español I

Grade Level: 7-10 Course Length: Year

¡Bienvenidos a todos! We will continue our introduction to the Spanish language and Spanish/Latin cultures. You will have lots of fun learning to speak about yourself, your needs and what you like to do in a new language. Let the story telling continue!

Communication will be our emphasis.

Credit Count: .5 Elective credit (upon completion of quarter 4, 7th and 8th graders receive .25 social studies credit)

AIDE WANTED: Spanish student preferred

Period 2: Español II

Grade Level: 8-11 Course Length: Year

¡Bienvenido a tu segundo año de español! Vamos a hablar y leer mucho. También, vamos a estudiar el pasado. This year we will talk about family, friends and vacations.

Credit Count: .5 Elective credit

Period 3: Español I

Grade Level: 7-10 Course Length: Year

¡Bienvenidos a todos! We will continue our introduction to the Spanish language and Spanish/Latin cultures. You will have lots of fun learning to speak about yourself, your needs and what you like to do in a new language. Let the story telling continue!

Communication will be our emphasis.

Credit Count: .5 Elective credit (upon completion of quarter 4, 7th and 8th graders receive .25 social studies credit)

AIDE WANTED: Spanish student preferred

Period 4: Español IV+

Grade Level: 11-12 Course Length: Year

Leeremos cuentos hispanos y los eventos actuales. Estudiaremos la gramática avanzada. Todos van a dar presentaciones orales. Este semestre vamos al zoológico para conocer los animales alaskanos.

Credit Count: .5 Elective credit

Period 5: La conferencia

Period 6: Español III

Grade Level: 9-12 Course Length: Year

Continuaremos hablar, leer y escribir el español. Mucha participación oral con presentaciones orales, música, composiciones y una novela. Este semestre vamos al zoológico para conocer los animales alaskanos. We will be studying grammar through reading of a short novel, short stories and current events.

Credit Count: .5 Elective credit (upon completion of second semester students receive .5 social studies elective credit)

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Period 6: Español II

Grade Level: 8-11 **Course Length: Year**

¡Bienvenido a tu segundo año de español! Vamos a hablar y leer mucho. También, vamos a estudiar el pasado. This year we will talk about family, friends and vacations.

Credit Count: .5 Elective credit

Bob Vandergriff

Period 1: Conference

Period 2: Speech

Grade Level: 9-12

Course Length: Semester

This class will look at the remaining speech formats in the Debate, Drama, Forensics line-up that are not covered by last semester's Debate class. We will learn about the different events, how to prepare for them, and then perform them in front of the class. There will be more emphasis on the dramatic events than the forensics events this semester.

Credit Count: Speech or English Elective

Essay Composition

Grade Level: 7-8

Course Length: Semester

Essay Composition is Steller's introductory writing course. We will focus on the building blocks of writing: plagiarism, sentence structure, grammar and mechanics, paragraph construction, as well as Narrative and Descriptive essays. We will be using a number of different activities to help writers of all levels advance their skills. An emphasis on writing as a process will be used throughout the course.

Credit Count: Writing

Period 4: Creative Speaking

Grade Level: 7-8

Course Length: Semester

This is an introduction into the world of Forensics. No, not the stuff from "CSI," but the art of dramatic delivery. Events include Humorous Interpretation, Dramatic Interpretation, and Duo Interpretation, among others. Students will select pieces and perform them in class.

Credit Count: English elective

Period 5: Passages

Grade Level: 9-12

Course Length: Semester

Passages are personally challenging projects developed by each student in one of six different areas to demonstrate the ability to apply their skills in the real world. The Passage process includes the writing of a proposal, which is approved by a committee of peers, the advisor and a staff consultant. Mentors and parents are encouraged to

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participate. The six Passage areas are: Adventure, Career Exploration, Creativity, Community Involvement, Logical Inquiry and Practical Skills.

Credit Count: Elective; other credit may be petitioned

Period 6: World Literature Seminar

Grade Level: 9-12

Course Length: Semester

The class will be reading about the development of individual rights through the ages. Different countries have contributed to our ideas of freedom and we will take this chance to read them. Experienced Seminar Coaches are always welcome! If you are interested in learning how to facilitate coaching groups, sign up as well and we can start you out on your way to being a Seminar Guru!

Credit Count: World Literature, Literature Elective, or English Elective

!!!!Experienced coaches always welcome!!!!

Carol Combs

Period 1: Algebra I

Grade Level: 7-11

Course Length: Year

Second semester is a continuation of algebra 1 topics, including: systems of linear equations and inequalities, exponential functions, polynomials and factoring, quadratic equations, rational functions and problem solving through real-life applications. Evaluation in this class will be based on homework, quizzes, tests and a final exam.

Credit Count: Math Credit .5 per semester

Period 2: Basic Math

Grade Level: 7

Course Length: Year

Basic Math explores: arithmetic operations with whole numbers, fractions, decimals, ratio and proportion, percent. Problem solving with real-life situations is an integral part of this course. Solving equations, powers and integer operations will help prepare students for pre-algebra.

Credit Count: Math Credit .25 per quarter

Chris Selin

Period 1: Cross-Training

Grade level: 9-12

Course Length: Quarter/Semester

Prerequisite: None

Lifetime Activity Course.

This course is designed to introduce students to cross-training. Cross-training utilizes a variety of activities which involve varying muscles, intensity and impact on different days. Students will participate in at least two different aerobic activities and at least one strength training and/or muscular endurance activity weekly which utilizes body core

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stability. Students will acquire knowledge needed to develop a lifetime fitness plan, as well as an appreciation of how it feels to be physically fit. Repeatable unlimited times.

Period 2: Electronic Art/ Peer Taught

Grade Level 7-12

Course Length: One Semester

This course explores electrical principals through the use of hands on activities. Basic DC is discussed and we will be building basic circuits. Students will also learn basic troubleshooting using a multi-meter and soldering techniques. Application of these basic skills is then demonstrated artistically by building electronic sculptures.

Credit Count: 0.5 Elective Art

Class Fee: \$20

Period 3: Art Exploratory

Grade level: 7 -- 8

A continuation of the first quarter though new students may enroll. The class will focus on drawing, printmaking, pottery and sculpture. In following the visual arts program, students will focus on using the elements and principles of design as a point of departure. A variety of artists and cultures are introduced in relationship with the role visual art plays in history and cultures. Students learn to value their own art works with the same criteria used to analyze a master's art works. They will be able to identify and investigate art and art related careers in conjunction with introduced units of study.

Period 4: Art Expanded

Grade level 8

Students may elect to enroll in a semester course designed to provide opportunities to expand and translate ideas, feelings and values into personal experiences. The design elements and principles will be expanded and reinforced within the four components of the "inquiry-based" (discipline-based art education) program philosophy. Students will acquire artistic skills to express and communicate responses to experiences, explore their creative abilities and heritage within the context of a global view, make informed aesthetic responses in relationship to their own art and works of professional artists, and, investigate the scope of visual arts related occupations.

Period 5: Advanced Art I

Grade level 9-12

Course Length: Two semesters

Prerequisite: Art I and Art II, or instructor approval with portfolio review.

The intent of this course is provide a pathway for artistically interested and motivate art students looking to pursue rigorous art studies on a higher level of study Students will concentrate on a variety of techniques and styles, using the fundamental Elements and Principles of Design, and tying into historical and contemporary master artists to develop a personal style.

Material fee required: \$15

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Period 6: Drawing and Design

Grade level 9–12

Course Length: One semester

Prerequisite: None

This is a continuation of the first semester course, though new students may enroll. Students will use a variety of drawing materials (pastels, crayon, paint and mixed media, pencil, pen and ink, charcoal). Drawing techniques will be introduced such as figurative, gesture, portraiture as well as, shading and design concepts. This is a studio course emphasizing the principles of composition, color theory, value and tonal studies.

Materials fee required: \$20

Danelle Avellino

Period 1: Geology

Course Length: Semester

Grade Level: 7-8

This is an introductory course in geology that will cover the following topics: Map Reading, Types of Maps, Maps as a Tool, Plate Tectonics, Earthquakes, Volcanos, Minerals & Rocks, Earth Resources, Fossilization, Stratigraphy, Petroleum, and Mining.

Credit Count: .5 Physical Science

Lab Fee: \$10.00

Period 3: Advanced Chemistry

Course Length: Semester

This is an advanced course in chemistry that will prove useful for students interested in science. It will be especially helpful for students whose collegiate interests lie in chemistry, biology, molecular biology, medicine, or related fields. The course will cover the following topics: Reaction Rates & Equilibrium, Acids & Bases, Electrochemistry, Nuclear Chemistry, & Introduction to Organic Chemistry. This is class will be laboratory intensive.

Grade Level: 11-12

Credit Count: .5 Chemical Science

Lab Fee: \$10.00

Period 4: Chemistry

Course Length: Semester

Grade Level: 9-12

Prerequisite: Algebra I

This is a beginning course that will include the following concepts: atomic structure, mole concept, chemical periodicity, writing formulas and equations, nomenclature of compounds, chemical bonding, use of symbols, valence, physical, and chemical properties, solutions, & acids & bases. Laboratory skills will include measurements of mass, volume, temperature, and density, graphing, interpretation of data, observation, description, and recording.

Credit Count: .5 Chemical Science

Lab Fee: \$10.00

Period 5: Chemistry

Course Length: Semester

Grade Level: 9-12

Prerequisite: Algebra I

This is a beginning course that will include the following concepts: atomic structure, mole concept, chemical periodicity, writing formulas and equations, nomenclature of compounds, chemical bonding, use of symbols, valence, physical, and chemical properties, solutions, & acids & bases. Laboratory skills will include measurements of

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mass, volume, temperature, and density, graphing, interpretation of data, observation, description, and recording.

Credit Count: .5 Chemical Science

Lab Fee: \$10.00

Period 6: Chemistry

Course Length: Semester

Grade Level: 7-8

This is a basic course in chemistry that will introduce the principles of chemistry. The topics covered will include matter, states of matter, atomic structure, periodic table, chemical reactions, and acids and bases.

Credit Count: .5 Chemical Science

Lab Fee: \$10.00

****STUDENT AIDS WELCOME ALL CLASS PERIODS ****

Danielle Sjoden

Period 1: Intermediate Composition

Grade Level: 9-10

Course Length: Semester

Students will practice writing for different purposes with a focus on reviewing and improving the expository and persuasive essay. Students will also become familiar with literary analysis and citing sources using a standard method of documentation.

Understanding writing as a *process* will be a major focus; students will gain a working knowledge of the steps in this process, from pre-writing to publishing. Special emphasis will be placed on revision as well as building grammar and vocabulary skills.

Credit: .50 Intermediate Composition

Period 2: English Independent Study

Grade Level: 9-12

Course Length: Semester

Students will choose an area of interest and, with teacher support, will design a self-directed curriculum, including a timeline, assignments, goals, and assessments. An I.S. is a great opportunity for students to explore in depth authors and genres they are interested in. Students are expected to meet regularly in small groups as well as with the teacher to discuss progress and challenges.

Credit: .50 English – specific credit will vary by student

Period 4: World Literature

Grade Level: 9-12

Course Length: Semester

Students will read a variety of works from international authors; the novels for this semester include *The Lord of the Flies*, *Heart of Darkness*, and *Things Fall Apart*. We will also read poems and short stories from around the world. In addition to studying the style and literary elements of the works, students will also study the author backgrounds and historical context where relevant. In addition to reading, students can expect to participate in discussion, take notes, research and present on related topics of their choice, and practice different styles of writing and responding to literature.

Credit: .50 World Literature or .50 English/Lit. Elective

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Period 5/6: 8th Grade Seminar

Course Length: Semester

This class is Steller's introduction to Socratic Seminar. The course's readings will cover historical literature, some fiction, and philosophy. All of the reading will be done in class. Homework consists of writing responses to what we read in class. Students will learn and practice essay writing in addition to developing their group discussion and critical thinking skills. Acquiring new vocabulary from the readings will also be emphasized.

Credit: .50 English Seminar and .50 Social Studies Seminar

* I am looking for at least two **juniors** or **seniors** to be seminar coaches. See me if you are interested.

***I would love to have a Teacher Aide 3rd hour!**

Gerald Brown

Period 1: Conference

Period 2: Astronomy

Students will learn solar systems, stars, galaxies and the universe. Special attention will be paid to the relationship between the sun, moon and earth and how they are responsible for phases, eclipses and tides and the weather and climates that are found on the earth. They will learn about comets, asteroids and meteors.

Graders 7&8

Credit: .25 physical science/quarter

Period 3: Same as Period 2

Period 4: Physical Science

Students will learn the concepts of Newtonian physics and the relationships between such concepts as forces, vectors and energy, the different types of energy and how they affect motion will be discussed and studied. The relationships between speed, velocity and acceleration will also be studied. The concept of friction will be studied to show how it is a necessary part of motion but at the same time it resists motion. Distance traveled will be compared to the concept of displacement.

Grade: 7-8 semester

Credit earned will be physical science .5 credit

Period 5: Ecology

Students will study the past, present and future of natural resource conservation and management. Topics studied will include the human population challenge, world hunger, and the nature of soils, soil conservation and sustainable agriculture, fisheries, rangeland and forest management from the standpoint of sustainability.

A ten-page research paper, in proper format, will be required each quarter.

Grades: 9-12

Credit earned will be life science .5 credit

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Period 6: Health

All 8th graders need a semester of health; this class will cover wellness, mental health, bullying prevention, disease prevention, consumer health, substance abuse and sexual education. During the semester, students explore information on these topics so that they can make healthy choices through their life.

Credit: .25 Health/quarter

Grade 8th

Jen Neff

Period 1: Algebra A

Grade Level: 9-11

Course Length: Year

This course reviews and extends problem solving, data analysis, the use of technology (i.e., scientific calculator, graphing calculator, computer), the theory, use and understanding of the fundamental operations on real numbers. The course covers work with data, linear equations and functions, graphing linear equations, solving linear equations and inequalities, radicals, connects algebra with geometry and used algebra in appropriate related applications. *This course is the equivalent of the first semester of Algebra 1.*

**In order to take this course a student can NOT have earned credit for the first semester of Algebra 1 or any higher level of math course

Prerequisite: D or better in Algebra A first semester or have taken a semester of Algebra 1 or the recommendation or approval from the most recent math teacher

Credit Count: Math credit .25 per quarter

Period 1: Algebra B

Grade Level: 10-12

Course Length: Year

This course reviews and extends problem solving, data analysis, the use of technology (i.e., scientific calculator, graphing calculator, computer), the theory, use and understanding of the fundamental operations on real numbers and linear equations, graphing linear equations in a variety of forms and work with data, equations, and functions. The course will cover systems of linear equations, quadratic functions, exponential functions, polynomial functions, rational functions, and discrete math using appropriate related applications. *This course is equivalent to the second semester of Algebra 1.*

**In order to take this course a student can NOT have earned credit for the second semester of Algebra 1 or any higher level of math course

Prerequisite: Completion of the first semester of Algebra B, or the recommendation from the most recent math teacher

Credit Count: Math credit .25 per quarter

Period 2: Algebra I

Grade Level: 7-12

Course Length: Year

The course reviews and extends problem solving, data analysis, the use of technology

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(i.e., scientific calculator, graphing calculator, computer), the theory, use and understanding of the fundamental operations on real numbers, expressing quantitative statements in the language of algebra, solving equations and inequalities, polynomials, the use of rational expressions in equations, coordinate graphing, irrational numbers, solution of quadratic equations and related applications.

Prerequisite: C or better in Pre-Algebra and the completion of the first semester of Algebra 1

Credit Count: Math credit .25 per quarter

Periods 3 and 4: Geometry

Grade Level: 7-12

Course Length: Year

This class focuses on deductive and inductive reasoning. The second semester focuses more on inductive reasoning.

Prerequisite: A “C” or better in Algebra 1 both semesters and the completion of the first semester of Geometry.

Credit Count: Math credit .25 per quarter

Period 4: Pre-Calc

Grade Level: 9-12

Course Length: Year

This math course will consist of one semester of advanced algebra and one semester of trigonometry. Second semester topics will include right angle and not right angle trig, conics, and sequence and series. Evaluation will be based on homework, in-class assignments, notes, projects, tests, and a cumulative final.

Prerequisite: A “C” or better in Algebra II both semesters and the completion of the first semester of Pre-Calculus.

Credit Count: Math credit .25

Jennifer Wadsworth

Period 1 : Advanced Composition

Grade Level: 11-12

Course Length: Semester

In this class, we will continue to develop your writing skills. This will include sentence variety, editing and revision, grammar usage, punctuation, and vocabulary. We’ll learn the proper use of citation, how to avoid plagiarism, and how to conduct a thorough, comprehensive research for our papers. And we will learn how to write that all-important college admissions essay.

Required: 1G min. flashdrive for storage and transportation of your projects.

Prerequisite: Intermediate Composition

Credit Count: Advanced Composition

Period 2 : World Literature

Grade Level: 7-8

Course Length: Semester

Tales of adventure date back to the earliest forms of literature, with the Odyssey, the Iliad, and other stories. Often, the main character will scale large mountains, go on

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amazing adventures on land or at sea, overcome amazing obstacles, or travel to never-before-seen places. We will be reading the action classics *Treasure Island*, a Dickens novel, and various short stories. It will be action and adventure... and the authors will offer exciting and unforgettable stories. Required: 1G min. flashdrive for storage and transportation of your projects.

We will be reading two novels chosen from a prepared list. These works will be our outside reading choices. A creative project and a writing assignment related to each individual work will be completed.

Required: 1G min. flashdrive for storage and transportation of your projects.

Prerequisite: None

Credit Count: World Literature

Period 3 : American Literature

Grade Level: 9-12

Course Length: Semester

In this class, we will explore modern American writers such as Hemingway, Fitzgerald, Faulkner, and Steinbeck. We will take a look at the writers of the Harlem Renaissance such as Richard Wright and Langston Hughes. We'll read a few of the Beat figures such as Jack Kerouac and Wm. S. Burroughs. And we will review such contemporary authors as Norman Mailer, Jamaica Kincaid, and Amy Tan. In the process, we will be reading novels, short stories, poetry, and essays and we will discover the distinctive American voice of these writers. Required: 1G min. flashdrive for storage and transportation of your projects.

Required: 1G min. flashdrive for storage and transportation of your projects.

Prerequisite: None

Credit Count: American Literature

Period 4 : Conference (No class-teacher planning time)

Period 5: World Literature

Grade Level: 7-8

Course Length: Semester

Tales of adventure date back to the earliest forms of literature, with the *Odyssey*, the *Iliad*, and other stories. Often, the main character will scale large mountains, go on amazing adventures on land or at sea, overcome amazing obstacles, or travel to never-before-seen places. We will be reading the action classics *Treasure Island*, a Dickens novel, and various short stories. It will be action and adventure... and the authors will offer exciting and unforgettable stories. Required: 1G min. flashdrive for storage and transportation of your projects.

We will be reading two novels chosen from a prepared list. These works will be our outside reading choices. A creative project and a writing assignment related to each individual work will be completed.

Required: 1G min. flashdrive for storage and transportation of your projects.

Prerequisite: None

Credit Count: World Literature

Period 6: World History

Grade Level: 9-12

Course Length: Year

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This offering of World History continues with the Middle Ages (the era of knights and castles) and will continue through the Renaissance and more during the second semester. We'll continue our study of our world history and uncover the foundations of Western culture as well as that of the Middle East, Asia, Africa, and Early American cultures. Find out why civilizations rise and fall, what legacies they leave, if we are fated to rise and fall as well.

Required: 1G min. flashdrive for storage and transportation of your projects.

Prerequisite: None

Credit Count: World History I

Ken Varee

Period 1

US History

Grades 9-12

This class is part of the yearlong requirement US History requirement. This semester we'll focus on the events of the late 18th century to the present when the US "closed" the frontier and became a world power. Students will be evaluated on the basis of essay tests, projects and presentations, a number of assignments, and participation.

Credit: US History.

Period 3

Geography of the American West

Grades 7-8

The American West is one of the most unique regions on the planet. We'll spend the semester learning about the physical and human features that make it so unique. Students can expect to complete a number of projects focusing on specific places in the West. Evaluations will be based on tests, presentations, discussions of readings and participation.

Credit: Elective/Social Studies

Period 4

Passages

Grades 7-8

Middle School Passages will introduce students to self-directed learning projects by allowing students to follow a passion. Students will be given the opportunity to pursue an area of interest while learning critical skills such as time management, writing, goal setting, researching, note taking, and more. Students will develop their "Passage" curriculum with significant help from teachers, peers, and mentors in specific curricular areas. Each student's passage will be different and will fall into one of six areas (career exploration, creativity, practical skills, global awareness, logical inquiry, and adventure). This is a self-directed class where the goal is to stretch beyond your comfort zone! This is a great opportunity for students to push themselves and to give back to their community. Ideas for a Passage depend on your interests and creativity. Student will have the opportunity to complete two Passages, one per quarter.

Grade Level: 7-8 (high school students on approval and if room is available)

Credit Count: .25 elective/per quarter

Period 5

US History

Grades 9-12

This class is part of the yearlong requirement US History requirement. This semester we'll focus on the events of the late 18th century to the present when the US "closed" the

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Grade Level: 9-12

Course Length:

We study history so that we will never repeat it? Right? Well, as often as the Holocaust is studied, there are many other examples of genocide in our world's history. First quarter of this course allows students to explore, in-depth, one of the most fascinating yet tragic events of the twentieth century: The Holocaust. Students will examine the root causes that led to the rise of the Nazi party and the reaction of Germans—and the world—to Hitler and his plans of genocide. Second quarter will focus on other examples of genocide, including Rwanda, Armenia, Cambodia, Bangladesh, Indonesia, Iraq, Ukraine, and many more. We will explore the International laws that deal with genocide and crimes against humanity. We will also think about what can be done to fight genocide when it does happen. For example, what should be we doing as a world, nation, or individual to help stop genocide? We will study these topics through readings, discussions, projects, movies, and more.

Period 6: Law Studies

Grades: 7-8

Are you interested in the legal system? Thinking of becoming a lawyer? Or do you just like a good debate? This class will explore the court system and trial procedure. During this class, students will work with a law firm to prepare cases, prep witnesses, and participate in trials. They will also stand in as witnesses and jury members during other cases. All students must participate as lawyers and witnesses! Students will also study historical cases, legal issues, and Supreme Court decisions.

Credit: .50 Social Studies

Natalie Foley

Period: 3 & 6 Course Name: Algebra II

Grade Level: 9-12

Prerequisites: A continuation on the previous semester. You must have completed the first semester Algebra II with an average grade of a C or higher to enroll or receive special permission from the instructor.

Description: During the third quarter we will start with graphing, translation of axis, asymptotic lines, and move to systems in two and three variables, rational exponents, and complex numbers. If you are currently enrolled in my class you will be guaranteed a spot.

Credit Count: .25 Math

Period: 5 Course Name: Calculus

Grade Level: 9 - 12

Prerequisites: A continuation on the previous semester. You must have completed the first semester to enroll.

Description: We will start with examination of the integral and its applications, and move into studying logs and exponentials.

Credit Count: .25 Math

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Nobuo Toba

Period 1: Band

Prerequisite: Prior experience with a traditional band instrument in elementary and/or secondary school
Course Description: This class is designed to improve student's technical skills on their instrument. Students will experience an awareness of music through theory and history of band music. Concert participation is mandatory. Full semester commitment is required. Repeatable unlimited times.

Philip Fleckenstein

STUDENT AIDES NEEDED ANY HOUR!!!

Period 2: Advanced Biology Class Length: Semester

Grade Level: 9-12 Costs: \$10

Prerequisites: Biology

Topics covered in the course include chemistry of life, cells and cell energetics, heredity, molecular genetics, evolution, diversity of organisms, structure and function of both plants and animals, and ecology. The course is broken down into three areas of study: 25% molecules and cells, 25% genetics and evolution, and 50% organisms and populations.

Credit Count: Science

Period 3: Biology Class Length: Year

Grade Level: 9-12 Costs: \$10

Prerequisites: none

This course is designed to study life starting from the microscopic and moving into the macroscopic world. The class will emphasize using the scientific method for research, and content areas will include, but not be limited to: chemistry of life, cell structure, genetics, evolution, animal behavior, botany, and ecology.

Credit Count: Life Science

Period 4: Biology Class Length: Year

Grade Level: 9-12 Costs: \$10

Prerequisites: none

This course is designed to study life starting from the microscopic and moving into the macroscopic world. The class will emphasize using the scientific method for research, and content areas will include, but not be limited to: chemistry of life, cell structure, genetics, evolution, animal behavior, botany, and ecology.

Credit Count: Life Science

Period 5: Special Projects Science Class Length: Semester

Grade Level: 7-8 Costs: \$10

Prerequisites: none

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This class is designed to cover the basics of the scientific method. We will look into the ways in which scientists gather information through hands on activities. Students will then use the knowledge gained to conduct their own original research and present it at an end of semester science fair. Opportunities to compete in the Intel Alaska Science fair may be an option.

Credit Count: Science

Period 6: Passages Class Length: Semester

Grade Level: 9-12 Costs: 0

Prerequisites: none

Passages are personally challenging projects developed by each student in one of six different areas to demonstrate the ability to apply their skills in the real world. The Passage process includes the writing of a proposal, which is approved by a committee of peers, the advisor and a staff consultant. Mentors and parents are encouraged to participate. The six Passage areas are: Adventure, Career Exploration, Creativity, Community Involvement, Logical Inquiry and Practical Skills.

Credit Count: Elective, others upon petition.

STUDENT AIDES NEEDED ANY HOUR!!!

Sally Jungreis

Orchestra

Grade Level: 7-12

Course Length: Year

This multi-level strings class is for violin, viola, cello, and string bass students who have played one or more years and who wish to develop their performance skills to a higher degree. Students will continue development of their technique starting at their current level of ability and will be graded accordingly.

Less advanced students will focus on basic fundamentals of string playing including but not limited to refinement of muscular coordination and body posture, development of left-hand technique, introduction of a variety of bowing styles, one- and two-octave scales and arpeggios, basic music vocabulary, theory and history and an introduction to improvisation.

More advanced students will focus on advanced left-hand technique including position work, advanced bowing styles, two- and three-octaves scales and arpeggios, advanced music vocabulary, theory and history, basic composition techniques, basic conducting skills and more advanced improvisation.

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Svetlana Jackson

Period 1:

Conference

Period 2 : Russian Language Level II+

Grade Level: 7- 12 Prerequisite: Teacher's approval

Practice in speaking, listening, reading, and writing with an emphasis on the development of oral and written communicative skills. This course provides insight into many aspects of Russian culture and history. Studying Russian Folklore, and Russian songs expands vocabulary, improves pronunciation, and helps develop a feeling for the rhythm of the language. Students learn about Russian food by sampling different menu items: blini, pelmeni, and vareniki.

Credit Count: Elective

No fee

Course Length: Year

Period 3: Yearbook

Grade Level: 7-12 Prerequisite: None

The yearbook course offers the student total involvement in the production of the school yearbook. Activities include advertising, layout planning, photography, copy writing, and proofing. Students deepen their understanding of advertising.

Credit Count: Elective

No fee

Course Length: Year

Period 4: Aria Study

Grade Level: 7-8 Prerequisite: None

First quarter is an introduction to the vast sweep of Russian and Eastern Europe cultures, societies and history. The course provides pathways into discovering this region, geography, religions, government, economy, and society.

The focus is the fascinating imperial past of Russia, one of the world's largest and most geopolitically significant nations. This course examines the Russian empire with intriguing accounts of both powerful leaders and everyday citizens, revealing how and why Russia became a political and economic powerhouse during the 19th and 20th centuries.

Primary sources: Excerpts from writings by Catherine the Great, Napoleon, the abdication of Nicholas II, historical accounts of coronation, images of the Crest of the Romanov Imperial House, a German Political Cartoon concerning Nicholas II and more.

Second quarter is an introduction to Indian History from its beginning in the Indus River Valley through to the recent challenges of managing globalization. Students explore the elements of society and culture and the conflicts. Students analyze the geographic, political, economic, religious, and social structures of the early civilization of India and its neighbors.

The focus of the course is Mughal Empire. Established in the sixteenth century, the Mughal Empire flourished for over three centuries, conquering vast territories with

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sophisticated military techniques. This prowess was matched with architectural and cultural sophistication that continues to shape our world today.

Primary sources include: A letter written by the Mughal ruler Babar, a passage by leader Tipu Sultan, images of Mughal artwork, and more.

Course Length: Year

Credit Count: Social Study

No fee

Period 5& 6: Library

Troy Fast

Period 1: Pre-Algebra

Grade Level: 7-9

Course Length: Year

Students will continue to practice and improve their number sense. Measure sense, and estimation skills. They will review and extend their arithmetic, calculator, and thinking skills by working with fractions, decimals, percents, large and small numbers, and negative numbers, variables, expressions, equations, graphing, and other algebra topics. Successful completion will prepare a student for Algebra.

Period 2: Pre-Algebra

Grade Level: 7-9

Course Length: Year

This is the same course as period one.

Period 4: Soccer

Grade Level: 7-12

Course Length: Quarter

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

Period 5: Volleyball

Grade Level: 7-12

Course Length: Quarter

The purpose of this course is to introduce students to the basic skills and knowledge associated with volleyball through active participation in the sport. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of health-related fitness concepts, practice positive personal and social skills, and gain an understanding of how a wellness lifestyle affects health, fitness and physical performance.

Credit Count: P.E.

Course Descriptions 2nd Semester 2012-2013

Period 6: Rec. Games

Grade Level: 7-12

Course Length: Qtr.

This course will offer a variety of fun games such as badminton, kickball, volleyball, ping-pong, soccer etc. Also this course will give students the opportunity to improve physical fitness and acquire skills in positive personal behavior and social relationships.

Credit Count: P.E/ Elective