

Course Descriptions - Spring 2011

Alayne's Courses for Spring Semester 2011

Sculpture 1:

Explore and apply elements and principles of three-dimensional design through various sculptural materials. This class will include history, theory, principles, and practice of sculpture. Materials used may include plaster, wax, cardboard, soapstone, fibers, and clay. A \$15 class fee and a sketchbook will be due during the first week of class. Some supplies may need to be supplied by the individual.

Painting 1:

This class will cover a wide range of painting mediums, styles, and techniques. History, theory, and practice of painting will be applied to the creation of acrylic, watercolor, oil pastel, and other forms of painting. A \$15 class fee is due during the first week of class. Students will also need to supply themselves with a sketchbook for the class.

Art Explorations:

Students will explore the element and principles of design through a variety of art media. History, theory and practice of art will be covered. A \$15 art fee and a sketchbook will be due during the first week of class.

Art Genre: Pop-Art and Contemporary:

This class will introduce the world of contemporary art, and specifically, Pop Art (due to the presence of Andy Warhol's artwork at the Anchorage Museum.) History, theory, and current artists and trends in the art world will be covered, as well as the practice of creating individual works of contemporary art. A \$15 class fee and a sketchbook

Art Cultural :See Leigh Anne's course description

Art Special Topics: Students who have taken at least two semesters of art are eligible to take this course. Students will choose their own focus area for the semester, whether that be a theme or a choice of material. All students must write up a solid proposal and do work similar to an SDL. There will be a general material fee of \$15 and a sketchbook required, however, additional materials must be supplied by the student.

Art Genre: Renaissance:

This class will survey the significance of Renaissance to the world of art and thought. History, Theory, and Practice of Renaissance inspired art will be covered. We will use a variety of materials, including fresco painting. A \$15 material fee and a sketchbook are required.

Bob's Courses for 3rd Quarter, 2010-11

Period 1: Conference

Period 2: English IS/SDL

Grade Level: 9-12

Course Length: Quarter

Pirates in the era of Romanticism; Ninjas and the Medieval European Hero Ballad; Did you every want to take an English class Steller has NEVER offered? Then this is the class for you! In this Self-Directed Learning environment you, yes YOU, will develop your curriculum (with guidance from our able-bodied staff), set goals and assignments, and decide on an assessment method that fits with your subject.

Other core-subject-area SDLs/I.S.s will be taken if there is room for enrollment.

Credit Count: To be determined by the student

Period 3: Introduction to Literature

Grade Level: 7-8

Course Length: Quarter

Welcome to Introduction to Literature! Here we will read a number of examples of the short story genre, or style of literature, to access some of the general aspects of literature. The intent of the course is to give you tools to approach any literature confidently. The class will start off by looking at the historical roots of the short story and then dive right into reading different authors, styles, and time-periods. Along the way, you will be learning to search for meaning through many aspects of stories in general: character, plot, setting, theme, etc.

Credit Count: Reading, English Elective, or Elective Elective

Period 4: Advanced Composition

Grade Level: 11-12

Course Length: Quarter

This class fulfills the research writing requirement for graduation. Advanced composition students will learn important research skills as well as how to complete an 8-10 page research paper on a topic of their choice with teacher approval. Papers may either be informative or argumentative, and there are checkpoints during the quarter that help students complete the paper successfully.

******Prerequisite: Intermediate Composition******

Credit Count: Advanced Composition graduation requirement

Period 5: Debate

Grade Level: 7-8

Course Length: Quarter

This is an introductory look at the sport of Debate. Introduction to research techniques and delivery, the different styles of debate (C-X, Lincoln-Douglas, and Crossfire), and the tools necessary to compete effectively will be the main focuses. The class will participate in building arguments, backing them up with evidence, and participating in their own debates. Topics will vary.

Credit Count: Speech, English Elective, or Elective Elective

Period 6: Creative Speaking**Grade Level: 9-12****Course Length: Quarter**

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: Speech, English Elective, or Elective Elective**Bob’s Courses for 4th Quarter, 2010-11****Period 1: Conference****Period 2: English IS/SDL****Grade Level: 9-12****Course Length: Quarter**

Pirates in the era of Romanticism; Ninjas and the Medieval European Hero Ballad; Did you every want to take an English class Steller has NEVER offered? Then this is the class for you! In this Self-Directed Learning environment you, yes YOU, will develop your curriculum (with guidance from our able-bodied staff), set goals and assignments, and decide on an assessment method that fits with your subject.

Other core-subject-area SDLs/I.S.s will be taken if there is room for enrollment.

Credit Count: To be determined by the student**Period 3: Introduction to Poetry****Grade Level: 7-8****Course Length: Quarter**

This class emphasizes the enjoyment and appreciation of poetry. The studies will involve the forms and techniques of poetry, including figurative language, fixed and open forms, rhyme, meter, and sound. We will read, discuss, and analyze poetry through the close reading of a wide variety of poems.

Credit Count: Reading, English Elective, or Elective Elective**Period 4: Intermediate Composition****Grade Level: 10-11****Course Length: Quarter**

This course explores the writing of expository essays, with a focus on how they apply to the study of literature. Students will be reading, analyzing, and forming arguments about different aspects of literary study. The process of drafting, editing, and formalizing an academic paper will be highlighted.

******Prerequisite: Essay Composition********Credit Count: Advanced Composition graduation requirement****Period 5: Art As Literature****Grade Level: 7-8****Course Length: Quarter**

The old adage says “a picture is worth a thousand words.” We will be putting this to the test by taking inspiration from different artwork for personal creative writing projects. Artwork has been the basis for a number of great pieces of literature and we will be trying the same in this class.

Credit Count: Writing, English Elective, or Elective Elective

Period 6: Slam Poetry

Grade Level: 9-12

Course Length: Quarter

Have you ever wanted to write poetry that had something other than a grade attached to it? Have you ever wanted to feel the thrill of excitement as the audience cheers for your performance? Here is your chance! In Slam Poetry, you write original pieces that are meant to be performed in front of audiences. You compete between other poets (hence the Slam portion) for the favor of the crowds. Here is a chance to practice within a friendly, encouraging atmosphere and get exposure to an exciting new world.

Credit Count: Speech, English Elective, or Elective Elective

Danielle’s Courses for Spring Semester 2011

Period 1: Literature of War

Grade Levels: 9 -12

1st Quarter

We will begin the quarter with a letter from Sigmund Freud to Albert Einstein on war and human nature. Most of the quarter we will explore the topic of war through the voices of two American works, Joseph Heller’s novel *Catch 22* and Tim O’Brien’s *The Things They Carried*. Students can expect to participate in discussion, write papers, and take quizzes on the readings and notes from class.

Credit: .25 American Lit. or .25 English Elective

Period 1: The American Dream in Literature

Grade Levels: 9 -12

2nd Quarter

Through our readings, we will explore the theme of The American Dream and how/if it has changed over time. The majority of the reading for this class will consist of John Steinbeck’s *The Grapes of Wrath* and Barbara Ehrenreich’s *Nickel and Dimed*. Students can expect to participate in discussion, write papers, and take quizzes on the readings.

Credit: .25 American Lit. or .25 English Elective

Period 2: Literature of Imperialism

Grade Level: 9-12

1st

quarter

The readings and discussions for this class will focus on colonialism; we will look at literature from the perspectives of the both colonizer and the colonized. The semester’s readings will

include Joseph Conrad's *Heart of Darkness* and Chinua Achebe's novel *Things Fall Apart*. Students can also expect to write papers, complete projects and take quizzes on the readings.

Credit Count: .25 World Lit./ English Elective

Period 2: World Lit. Short Story

Grade Level: 9-12

2nd

quarter

We will read stories from various genres by writers from all over the world. Both classic and contemporary stories will be covered and will include at least one foreign film. Readings for the semester will be organized by region of the world, beginning with Latin America. Class discussion will be the heart of the class, but students can expect to write papers, complete projects and take quizzes on the readings.

Credit Count: .25 World Lit./ English Elective

Period 4: English SDL/IS

Grade Level: 7-12

3rd

quarter

Students will choose an area of interest and with teacher supervision will design a self-directed curriculum, including a timeline, assignments, goals, and assessments. Students are expected to meet regularly in small groups as well as with me to discuss progress and challenges. Attendance and a strong work ethic are mandatory.

Credit Count: .25 English Elective or Literature Elective

Period 4: Creative Writing

Grade Level: 9-12

4th Quarter

Creative Writing

Grade Level: 7-12

Students will have the opportunity to complete a creative writing project of their choice (i.e. a screenplay, book of poetry, short stories, etc.). Students will have mini lessons to build specific writing skills, and students will also have time to work independently. Giving and receiving constructive feedback, revision and experimentation will be emphasized.

Credit Count: .25 English Elective/ Comp. Elective

8th Grade Seminar – 5th and 6th hours

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: .5 English Seminar and .5 Social Studies Seminar

Gerald's Courses for Spring Semester 2011

Ecology

Third Quarter will study aquatic environments such as wetlands, lake and stream ecosystems, coastal environments and the oceans. The importance of fresh water resource sustainability will be studied as well as importance of sustaining the areas of ice needed for survival of wildlife. Types and sources of water pollution will also be investigated.

Fourth Quarter will study fisheries conservation as well as methods to restore a population back to its normal numbers of individuals. Rangeland management studies will include conservation as well as reclamation methods. Forest management will center on the debate of multi vs. monoculture forest, as well as reclamation practices. Genetic engineering of certain species to create the super-forest will also be reviewed. And last, but not least, wildlife biology and management will be studied.

Lifetime Personal Fitness

This course is designed to provide you with an overview of Lifetime Personal Fitness. You will be introduced to the six components of fitness, different types of aerobic/anaerobic exercises, reflections on your own health and performance, proper nutrition, flexibility, muscular strength and endurance and many more topics. Material will be presented in many different ways as well as having hands on opportunities to practice and perfect your skills at any level.

Physics

Third Quarter Description: The class will complete chapter 6 and parts of chapters 7 and 8 in order to complete the study of motion. The class will then begin to study the phenomena of vibrations and waves. This will lead into the study of sound and light. Light and its behavior with mirrors and lenses will also be studied.

Fourth Quarter Description. The class will complete chapters 17 on electric fields and forces, chapter 18 on electrical energy and capacitance, chapter 19 on Ohm's Law and 20 on circuits and circuit elements. If time allow magnetism and the relationship between it and electricity will be explored.

Weight Training

The Purpose of this course is to promote the development of muscular strength and endurance, and to enjoy the benefits of regular physical activity. Students also will learn to identify the major muscle groups and they practice weight lifting exercises designed to increase the performance of these muscle groups. The discussion and practice of weight lifting techniques

and principles, guide students in the implementation of a personal fitness program. The primary class activity involves regular conditioning exercises supported by lecture and discussion.

Jennifer Strauss
2nd Semester Course Description, 2010-11

Periods 1 and 2: Basic Math

Grade Level: 7-8

Course Length: Year

Basic Math explores basic math topics such as fractions, decimals, 1-2 step equations to prepare you for pre-algebra.

Credit Count: Math credit .25 per quarter

*****TAs Needed (2) for 1st and 2nd hour*****

- 1) To type worksheets, make copies**
- 2) To be a math tutor**

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. First semester we will focus on advanced algebra and further our knowledge of equations, functions, inequalities, linear systems, conic and quadratic functions, and probability. Evaluation will be based on homework, weekly writing assignments, tests, and a cumulative final. The percentage weight of each category can be negotiated.

Prerequisite: A "C" or better in Algebra II both semesters.

Credit Count: Math credit .25

Periods 3 and 6: Geometry

Grade Level: 7-12

Course Length: Year

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

Prerequisite: A "C" or better in Algebra I both semesters.

Credit Count: Math credit .25 per quarter

Jennifer Wadsworth Course Descriptions 2nd Semester 2010/2011

3rd Quarter

Period: One

Course Name: For the Love of Poetry

Grades: 7-8

Pre-requisite: none

Length: one quarter

Fees: none

Credit Count: Language Arts Elective

Brief Description: We will read, explore, learn, and enjoy poetry so that our appreciation for the techniques of poetry and the poets of the present, past, and future might be fostered. We will identify and define poetry terms by researching for relevant information. We will also write poetry using the many different forms and techniques that we have learned.

Period: Two

Course Name: The American Dream Through the Decades

Grades: 7-8

Pre-requisite: none

Length: one quarter

Fees: \$15

Credit Count: Language Arts Elective or Social Studies Elective

Brief Description: Using primary source materials contained in the Library of Congress' American Memory collection and other resources, we will research the meaning of the American dream for previous generations (19th and 20th century) and for different groups in contemporary American society, and define how their dreams will become part of America's future. Through research, writing, and oral presentations we will share our ideas and discoveries about the American dream and what it means to ourselves, our immigrant ancestors, and the modern immigrants of today.

Period: Three

Course Name: Essay Composition

Grades: 9-12

Pre-requisite: none

Length: one quarter

Fees: none

Credit Count: Essay Composition

Brief Description: This course involves the writing of narrative and descriptive essays as well as lessons incorporating sentence structure, grammar, and punctuation. Class time will be spent in various writing exercises. Essays will be written outside of class.

Emphases will be on increasing skills in written expression.

This is a project-based course that involves lecture, presentations, self-discovery, group work, individual work, discussion, and research with work completed during class periods, lab periods and outside of class. Objective quizzes and/or short assignments are given daily. Projects are assigned during the quarter and there is a comprehensive final project.

Period: Four
Conference

Period: Five

Course Name: CyberFair

Grades: 7-8

Pre-requisite: none

Length: one semester

Fees: none

Credit Count: Language Arts Elective or Social Studies Elective

Brief Description: We will participate in an award-winning and White House-endorsed learning program called “International Schools CyberFair” sponsored by Global SchoolNet, a non-profit education organization that “encourages youth to become community ambassadors by working collaboratively and using technology to share what they have learned.” (globalschoolnet.org) We will be researching, writing, and publishing on the web. This will be a semester-long project and will require a parent/guardian signed “ASD Online Tools Collaboration Users Agreement.”

Period: Six

Course Name: Alaska Studies

Grades: 9-12

Pre-requisite: none

Length: one semester

Fees: none

Credit Count: Alaska Studies

Brief Description: Alaska Studies is an in-depth exploration of the rich geographic and cultural background of the state and its people from the early native peoples to the Russian era through statehood to the present. This course includes examination of the geography, history and the political and economic forces that have shaped contemporary Alaska. Content is organized around five themes of population, land, resource, governance and cultural landscape. The course seeks to ensure that students have a strong foundation in the historic and cultural contexts of issues facing the state so they will

develop a broad sense of community and strengthen skills that will encourage thoughtful consideration of issues and choices facing Alaska.

4th Quarter

Period: One

Course Name: It's a Mystery

Grades: 7-8

Pre-requisite: none

Length: one quarter

Fees: \$15

Credit Count: Language Arts Elective

Brief Description: We'll take a look at how a mystery is formed, what should go into a mystery, and who wrote the first mystery. We'll read mysteries, analyze their anatomy, and write our own mysteries.

Period: Two

Course Name: The Narrative of Identity

Grades: 7-8

Pre-requisite: none

Length: one quarter

Fees: \$15

Credit Count: Language Arts Elective or Social Studies Elective

Brief Description: In this class, we will explore how individual and cultural identities are shaped and communicated. What is identity? How does literature inform our understanding and expression of identity? What are the socio-historical, cultural and political influences on identity? Our major goals for this learning community are to: Deepen our awareness and strengthen our understanding of individual and cultural aspects of identity; gain experience examining our own identity through composing and critiquing narratives in a variety of genres and media using our oral and written communication skills, and analyzing and composing verbal, visual, and multi-media assignments.

Period: Three

Course Name: The Art of the Memoir

Grades: 9-12

Pre-requisite: none

Length: one quarter

Fees: none

Credit Count: Language Arts Elective

Brief Description: We will learn the differences and similarities between a memoir and an autobiography and we will be reading excerpts from some of these authors: Amy Tan,

Tobias Wolff, Frank McCourt, Annie Dillard, Sherman Alexie, and others. We will compare and contrast the shape and purpose of memoirs of different authors. And we will write a number of our own memoirs, shaping significant past events honestly and accurately into artful, polished pieces.

Period: Four
Conference

Period: Five
Course Name: CyberFair Continued
Grades: 7-8
Pre-requisite: none
Length: one semester
Fees:\$15

Credit Count: Language Arts Elective

Brief Description: This is a continuation of a semester-long project. We will participate in an award-winning and White House-endorsed learning program called “International Schools CyberFair” sponsored by Global SchoolNet, a non-profit education organization that “encourages youth to become community ambassadors by working collaboratively and using technology to share what they have learned.” (globalschoolnet.org) We will be researching, writing, and publishing on the web. This will be a semester-long project and will require a parent/guardian signed “ASD Online Tools Collaboration Users Agreement.”

Period: Six
Course Name: Alaska Studies
Grades: 9-12
Pre-requisite: none
Length: one semester
Fees: none

Credit Count: Alaska Studies

Brief Description: This is the second quarter of Alaska Studies, an in-depth exploration of the rich geographic and cultural background of the state and its people from the early native peoples to the Russian era through statehood to the present. This course includes examination of the geography, history and the political and economic forces that have shaped contemporary Alaska. Content is organized around five themes of population, land, resource, governance and cultural landscape. The course seeks to ensure that students have a strong foundation in the historic and cultural contexts of issues facing the state so they will develop a broad sense of community and strengthen skills that will encourage thoughtful consideration of issues and choices facing Alaska.

of international trade. Students will be evaluated on the basis of two essay tests, current events presentations, one project/paper, numerous assignments, and participation.

Credit: Economics (2nd Quarter)

Leigh Anne's Classes 3rd Quarter

Temple of the Bean/Economics Peer Taught

This is a semester long peer taught class where students will be running The Temple of the Bean coffee shop and learning business and consumer economics.

Grades: 9-12

Credit: .25 consumer economics and .25 elective credit

World History

Included in the second semester of the ASD world history curriculum are the geographic regions of the Far East, Africa, the Middle East, South America, and Europe. Geography, humanities, religions, government, economy, society, science, and technology are some of the themes/perspectives by which these areas of the world will be explored.

Credit: .25 World History

Grades: 9-12

World Religions Seminar-Eastern

Students can receive social studies or Language Arts elective for this class. This class will be taught using the Socratic method and will explore the religions of the world. Third quarter will focus on the Eastern religions of Hinduism, Buddhism, Confucianism, Taoism, and more. Students will read and discuss sacred text from those religions and gain understanding of the beliefs and practices of the religions. This class will go beyond a basic understanding of the religions, so even if you have studied religions in World History, we will be delving deeper and looking at different and varied text. ALL students will be expected to participate in small group and whole class discussions.

Credit: .25 Social Studies Elective or English Elective

Grades: 9-12

Middle School Economics-Money Matters

This class will introduce the basic principles of money and personal finance. Students will start to explore what it takes to survive on their own, how businesses are set up, and the basic principles of supply and demand. Students will be role-playing the game of life and will have to get a job, pay for their expenses, decide whether to get a credit card, take out loans, and much more. We will also be starting businesses and using Micro society to explore business economics.

Credit: .25 Social Studies

Grades: 7-8

Latin America Culture and Art

This class is being co-taught with Leigh Anne and Alayne. Students will be divided into two groups, based on grades (HS and MS), and will spend every other week with each teacher. While with Leigh Anne, they will explore the geography, history, and culture of Latin America and with Alayne they will explore and create Latin American art. There will be some whole group activities, where the classes will combine and explore one topic as a whole, such as music or dance. Students will also be doing a project of choice that will allow them to explore an art or cultural topic in Latin America. Students can receive social studies elective credit or art credit, but will be doing the same activities either way.

Credit: .25 Social Studies Elective/Geography or .25 Art Elective

Grade: 7-12

4th Quarter Classes

Temple of the Bean/Economics Peer Taught

This is a semester long peer taught class where students will be running The Temple of the Bean coffee shop and learning business and consumer economics.

Grades: 9-12

Credit: .25 consumer economics and .25 elective credit

World History

Included in the second semester of the ASD world history curriculum are the geographic regions of the Far East, Africa, the Middle East, South America, and Europe. Geography, humanities, religions, government, economy, society, science, and technology are some of the themes/perspectives by which these areas of the world will be explored.

Credit: .25 World History

Grades: 9-12

World Religions Seminar-Western

Students can receive social studies or Language Arts elective for this class. This class will be taught using the Socratic method and will explore the religions of the world. Fourth quarter will focus on the Western religions of Judaism, Christianity, and Islam. Students will read and discuss sacred text from those religions to gain understanding of the beliefs and practices of the religions. This class will go beyond a basic understanding of the religions. ALL students will be expected to participate in small group and whole class discussions.

Credit: .25 Social Studies Elective or English Elective
Grades: 9-12

History Makers

This class will look at the individuals that changed history, such as Ghandi, George Washington, Martin Luther King, Jr., and many more. We will look at what made these people unique, why they decided to stand up and force change, and what was going on in their world. This class will be project based, so that students will explore individuals through out history that changed their world and share that information with the class.

Credit: .25 Social Studies
Grades: 7-8

Southeast Asian Culture and Art

This class is being co-taught with Leigh Anne and Alayne. Students will be divided into two groups, based on grades (HS and MS), and will spend every other week with each teacher. While with Leigh Anne, they will explore the geography, history, and culture of Southeast Asia and with Alayne they will explore and create Southeast Asian art. There will be some whole group activities, where the classes will combine and explore one topic as a whole, such as music or dance. Students will also be doing a project of choice that will allow them to explore an art or cultural topic in Southeast Asia. Students can receive social studies elective credit or art credit, but will be doing the same activities either way.

Credit: .25 Social Studies Elective/Geography or .25 Art Elective
Grade: 7-12

Natalie's Courses for 2nd Semester 2011

Algebra 1 - Objective - To provide a foundation in Algebra that will facilitate all students in meeting their full potential in mathematics.

Algebra 2 - Objective - To review and expand on topics studied in Algebra I and to introduce material necessary for all students to be successful in their future math courses.

Calculus - Objective - To expand on topics studied in PreCalculus and to introduce material necessary for students to be successful in future undergraduate math courses.

Nina's Courses for 2nd Semester 2011

Spanish 1 - This class is for students interested in initiating the process of learning Spanish as a second language. The class is highly interactive with students engaging daily in oral practice, pair and small group work, and choral response.

Spanish 2 - This class is for students interested in initiating the process of learning Spanish as a second language. The class is highly interactive with students engaging daily in oral practice, pair and small group work, and choral response.

Spanish 3 - This class is for students interested in developing their skills in Spanish as a second language. The class is highly interactive with students engaging daily in oral practice, pair and small group work, and choral response. Special attention given to narration in the past tenses and study of various other verb tenses.

Spanish 4+ - This class is for students interested in the study and acquisition of advanced grammatical concepts and vocabulary. The class is highly interactive with students engaging daily in oral practice, pair and small group work, and choral response. We will be studying the AP text listed above along with various short stories/essays as a means of acquiring vocab and grammar.

Nobuo's Course for 2nd Semester 2011

Band - 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's Course Descriptions Third and Fourth Quarter, 2010-2011

STUDENT AIDES NEEDED ANY HOUR!!!

Period 2: Advanced Biology

Semester

Grade Level: 9-12

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

Class Length:

Costs: \$10

Period 3: Physiology of Wellness

Semester

Grade Level: 7-8

Class Length:

Costs: 0

Prerequisites: none

This class will cover but is not limited to the concepts of nutrition, exercise physiology, human physiological function and their corresponding anatomical structures, and infectious disease. Students will be expected to participate fully in a wellness plan and nutrition logs.

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 emphasis 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: 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 emphasis 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 6: Passages

Class Length:

Semester

Grade Level: 9-12

Costs: \$10

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, Global Awareness, Logical Inquiry and Practical Skills.

Credit Count: Elective, others upon petition.

STUDENT AIDES NEEDED ANY HOUR!!!

Sally's Course - 2nd Semester

Steller Orchestra- this is a year-long class open to all violin, viola, cello and string bass students who have played at least one year. Harp and piano players may be accepted by audition. Learning technique appropriate to each individual's level is emphasized. There are between three and five required performances a year including school concerts, solo and small ensemble activities, and festival performances.

The overall goal of this class is to improve each student's playing while having fun learning to do so as an ensemble!

Svetlana Jackson Course Descriptions 2010-11 Semester Two

Period 1: Russian Language Level I

Grade Level: 7- 12

Prerequisite: None

The course is based on topics and communicative situations to which students can easily relate. We will practice basic conversation and pronunciation. The curriculum used targets all four skills of speaking, reading, listening and writing. Grammar is taught as a necessary tool for communication, not as a goal itself. Students are introduced to Russian life and culture. Information is given about famous people, facts, traditions, music, art, and history of the country.

Credit Count: World Language

Course Length: Year

Fee: \$5

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. R. Students learn about Russian food by sampling different menu items: blini, pelmeni, and vareniki.

Credit Count: World Language

Course Length: Year

Fee: \$5

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

Period 4: Peer-taught iMovie (Qrt. 3)

Grade Level: 7-12

Apple has a simple and easy program called iMovie. Students first start with an idea, then draw a storyboard, script it, add sound, and finally edit it. Students will need digital video cameras.

Grading is based on the storyboard, the script and the final project.

Credit Count: Elective

Course Length: Quarter

No fee

Period 5: iWorks (Qrt. 1)

Grade Level: 7-12

Apple's amazing software suite for the Mac, iWork features three powerful applications: Pages for creating publications and presentation; Numbers for powerful, innovative spreadsheets made easy; and Keynote for producing cinema-quality presentations, storyboards, and more. Grading is based on assignments and projects.

Credit Count: Elective

Course Length: Quarter

Fee:\$5

Period 5. (Qrt. 2)

Apple iLife suite contains: iPhoto, iMovie, iWeb, Garage Band, and iDVD. The course provides step-by-step instructions for creating specific projects for each application. This course teaches how to live digitally and enrich your world by weaving digital audio, photo, video, and web into many aspects of your life. Grading is based on assignments.

Credit Count: Elective

Course Length: Quarter

Fee:\$5

Period 6: On-Line Course

Grade Level: 11-12

APEX – APEX course offered through MYHIGH, an online program providing high school students in the ASD with opportunities to earn credit through online course work. Students are provided with high quality online courses that overcome scheduling challenges and meet student

needs. LPF and Alaska Studies included. Course descriptions, application procedures, and deadlines are at

<http://www.asdk12.org/schools/myhigh/pages/Applicationrequired>.

Credit Count: APEX per course and ASO-Social Studies Requirement

Course Length: Semester

No fee

Troy's 3rd Quarter Course Description, 2010-11

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 3: Gym Hockey

Grade Level: 7-12

Course Length: Quarter

The emphasis of this course is on the skills, and the “unique to Steller” rules, of the game of gym hockey. Students will apply their skills in the active participation of playing the game of gym hockey.

Credit Count: P.E.

Period 4: Pickle ball

Grade Level: 7-12

Course Length: Qtr.

The purpose of this course is to introduce students to the basic skills and knowledge associated with pickle ball 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.

Period 6: Indoor 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.

Credit Count: P.E.

Period 7: Independent Study P.E.

Grade Level: 7-12

Students may receive physical education credit through independent study. This would include students that are involved in sports at other schools. If you are in a high school sport and want a K waiver do not sign up for this class. All other students are welcome. Students must have the contract in by "add drop" and must register for the class during registration. Students must meet the conditions of the contract to receive credit.

Credit Count: P.E.

**Troy's
4th Quarter Course Description, 2010-11**

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.

Credit Count: Math

Period 2: Pre-Algebra**Grade Level: 7-9****Course Length: Year**

This is the same course as period one.

Credit Count: Math**Period 3: Basketball****Grade Level: 7-12****Course Length: Qtr.**

The purpose of this course is to introduce students to basic skills and knowledge associated with basketball. By applying these principles through active participation, students develop the necessary skills and knowledge to play basketball. 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 an understanding of how a wellness lifestyle affects one's health, fitness and physical performance.

Credit Count: P.E.**Period 4: Badminton****Grade Level: 7-12****Course Length: Qtr.**

The purpose of this course is to introduce students to the basic skills and knowledge associated with badminton 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.**Period 6: Indoor 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.

Credit Count: P.E.

Period 7: Independent Study P.E.

Grade Level: 7-12

Students may receive physical education credit through independent study. This would include students that are involved in sports at other schools. If you are in a high school sport and want a K waiver do not sign up for this class. All other students are welcome. Students must have the contract in by "add drop" and must register for the class during registration. Students must meet the conditions of the contract to receive credit.

Credit Count: P.E.