

Bob Vandergriff
Course Descriptions
2nd Semester 2009-10
3rd Quarter

Period 1: Conference

Period 2: Shakespeare

Grade Level: 9-12

Course Length: Quarter/Semester

To experience or not to experience the greatest writer of the English language, THAT is the question. Designed to use both quarters, this class will read, discuss, and submerge itself within the three main types of plays Shakespeare wrote: Tragedy, Comedy, and History. Two of the types will be read during this quarter.

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

Period 3: Folktales

(Zangle Name = Mythology)

Grade Level: 7-8

Course Length: Quarter

Didactic tales of yesteryear will be the focus of this quarter. Students will read, analyze, discuss, and write about the tales and their modern adaptations. Be prepared, the sensibilities of older writing is different than ours and may contain dismemberment, magic, or baby-stealing. Or all of the above.

Credit Count: Reading or English Elective

Period 4: English I.S./SDL

(Zangle Name = Language Arts, Special Topics)

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: credit determined by the student

Period 5: Introduction to Self-Directed Learning (SDL)

(Zangle Name = Strategies for Success)

Grade Level: 7-8

Course Length: Quarter

Have you ever wanted to take an SDL, but didn't know where to start? Are you new to this whole Independent Learner thing and want to get some background? Then you will want to sign up for this class. We will spend the first half of the class reading and discussing the philosophy behind SDLs, goal-setting, and rubric construction. The last half of the quarter will be dedicated to a project you create.

Credit Count: Elective

Period 6: Debate

Grade Level: 9-12

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. Experienced students will be warmly welcomed.

Credit Count: Speech or English Elective

Bob Vandergriff
Course Descriptions
2nd Semester
4th Quarter, 2009-10

Period 1: Conference

Period 2: Shakespeare

Grade Level: 9-12

Course Length: Quarter

To experience or not to experience the greatest writer of the English language, THAT is the question. Designed to use both quarters, this class will read, discuss, and submerge itself within the three main types of plays Shakespeare wrote: Tragedy, Comedy, and History. The final type will be read during this quarter. The end of the quarter will be focused on individual student projects surrounding a Shakespearean play.

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

Period 3: Creative Writing

Grade Level: 7-8

Course Length: Quarter

This class will look at different genres of writing depending on what the class desires. This can include, but is not limited to, short story, poetry, plays/drama, autobiographies/memoirs/journals, etc. Students will write examples of all the styles that are agreed upon and sharing will not be required, but will be encouraged.

Credit Count: Writing or English Elective

Period 4: English I.S./SDL

(Zangle Name = Language Arts, Special Topics)

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: credit determined by the student

Period 5: Steller Speech

(Zangle Name = Speech)

Grade Level: 7-8

Course Length: Quarter

There are a lot of opportunities that make Steller unique. Almost all of them have some sort of component that requires you to stand and deliver on the knowledge gained or the idea you are trying to present. This class is going to focus on preparing for those times. We will look at Peer Taught and OpGroup proposals, small group communication, and class presentations among others. If you want to be more involved in Steller, but want to polish up your speaking first, then this class is for you.

Credit Count: Speech or English Elective

Period 6: Slam Poetry

(Zangle Name = Speech)

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 or English Elective

Danielle Sjoden
Course Descriptions
2nd Semester 2009-10

Newspaper 1st hour

Grade Levels: 9-12

Quarters 3 and 4

The goal of this class is to expose students to journalistic writing styles and formats, including editorial, feature and current event articles. Students will create a classroom publication, gaining practice with different forms of writing, editing, and layout. Grammar, proofreading and editing will be emphasized. The ability to work responsibly and individually to meet deadlines is essential and expected. Can be taken for a quarter or for the semester.

Credit: .25 Composition Elective or English Elective

2nd hour - Humanities

Grade Levels: 9-12

Quarters 3 and 4

This course is designed to help students see the relationships among literature, drama, painting, sculpture, architecture and music as art forms. Students will explore and gain an appreciation for the major achievements in the development of western cultural heritage. Readings and activities will give special attention to one's search for identity and human values in our changing world. Can be taken for a quarter or for the semester.

Credit: .25 World Literature or English Elective

4th hour – Women's Literature

Grade Levels: 9 -12

Quarter 3

The intent of this course is to cover female authors (or works) that have not been studied in other courses. This is a literature-based course designed for *all* readers who enjoy in-depth analysis and interpretation of a variety of genres, including novels, short stories and poetry. Grades will be based on discussion of the pieces, at least one project, and written responses in the form of notes and formal essays.

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

4th hour – Multicultural Lit.

Grade Levels: 9 -12

Quarter 4

This course explores universal themes in literature of diverse cultural perspectives written by and about people from a variety of ethnic groups. We will read selections of fiction, non-fiction (including memoir), poetry and drama. Grades will be based on discussion of the pieces, at least one project, and written responses in the form of notes and formal essays.

Credit: .25 Worl Lit. or .25 Literature Elective

8th Grade Seminar – 5th and 6th hours

2nd 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: .5 English Seminar and .5 Social Studies Seminar

Gerald Brown
Course Descriptions
1st Semester 2009-10

Periods 1 & 2: Pre-Algebra

Grade Level: 7 - 10

Course Length: Year

Prerequisites: Students will continue with the study of mathematics. Topics covered will include rational numbers and expressions, ratio, proportions and percents, equations and inequalities and graphing in the coordinate plane.

Credit Count: Math

Period 4: Conceptual Physics

Grade Level: 9-12

Third Quarter

Course Length: Quarter

Students will be introduced to the concept of wave phenomena and the different types of waves and their components. This information will lead into the introduction of sound.

Credit Count: life science or science elect

Period 4: Conceptual Physics

Grade Level: 9-12

Fourth Quarter

Course Length: Quarter

Students will continue the study of wave phenomena and how it relates to electromagnetic spectrum. This will lead into the study of the visible portion of the electromagnetic spectrum known as light. Light will be used to study the concept of color from light as compared to color from pigments.

Credit Count: Science Elective

Period 5: 7-8 Conceptual Physics

Grade Level: 7-8

Course Length: Semester

Third Quarter - Students will be introduced to the concept of wave phenomena and the different types of waves and their components. This information will lead into the introduction of sound.

Fourth Quarter - Students will continue the study of wave phenomena and how it relates to electromagnetic spectrum. This will lead into the study of the visible portion of the electromagnetic spectrum known as light. Light will be used to study the concept of color from light as compared to color from pigments.

Credit: Physical or Chemical Science

Fee: \$10.00

Period 6: Physics

Grade Level: 10 -12

Course Length: Year

Third Quarter - Students will be introduced to the concept of wave phenomena and the different types of waves and their components. This information will lead into the introduction of sound.

Fourth Quarter - Students will continue the study of wave phenomena and how it relates to electromagnetic spectrum. This will lead into the study of the visible portion of the electromagnetic spectrum known as light. Light will be used to study the concept of color from light as compared to color from pigments as well as the study of optics.

Credit Count: Physical Science

Fee: \$10.00

Jean Poulsen
2nd Semester 2009-2010

Drawing and Design Grade level 9–12 H5070QALT

Introductory course to drawing materials (pastels, crayon, paint and mixed media, pencil, pen and ink, charcoal), drawing techniques such as contour, gesture, perspective, shading and design concepts. Studio course emphasizing the principles of composition, color theory, value and tonal studies. Materials fee required.

Art Grade level 9–12. H5309QALT

This is an integrated study of the visual arts. The major areas of study are drawing, painting, printmaking, sculpture and art metals. Students will develop concepts, use of media, art history, self-expression and criticism. Materials fee required.

Creative Art Grade level: 7-8 M5019QALT

Students in this class will have an opportunity to emphasize creativity and art through elements of line, shape, color, texture and space. Students will also use drawing and painting skills, painting, illustrating, sculpting and other creative means.

Drama Grade level: 7-8 M9007QALT

This elective emphasizes the many techniques that humans use to communicate and interact, from the simple to the complex. Students will also be studying drama, acting and play production. They are expected to actively participate in small and large group activities.

Multimedia Design Grade level 9–12 H7064QALT

The Multimedia Design course is a merging of traditional art processes with emerging technology. Students will link together a variety of media such as graphics, text, audio and visual programs using basic concepts of two- and three-dimensional design. Through a variety of learning activities, emphasis will be placed on the creative process, conceptual design, solutions and practical applications. Materials or lab fee required.

Advanced Composition Grade level 11–12 H0210QALT

Course content will continue to develop the student's writing ability by integrating the four skill areas (listening, speaking, reading and writing) and critical thinking. Other content will include sentence variety, revision and editing, grammar usage, punctuation, vocabulary and writing style. This course will cover several different types of writing at the advanced level, such as narration, description, argumentation, exposition and business/technical writing using the multi-paragraph. Students will also read a variety of genre as a basis for writing, as well as give oral presentation and peer reviews, promoting critical thinking.

Intermediate Composition Grade level 9-10 H0221QALT

The focus of this course will be to develop the student's individual writing ability. Instruction and activities will integrate listening, speaking and reading into the course content and will continue to develop the student's writing ability by integrating the four skill areas (listening, speaking, reading and writing) and critical thinking. Other content will include sentence variety, revision and editing, grammar usage, punctuation, vocabulary and writing style. This course will also introduce several different types of writing at the intermediate level, such as narration, description, argumentation, exposition and business/technical writing using the multi-paragraph. Students will also read a variety of genre as a basis for writing, as well as give oral presentation and peer reviews.

Poetry Grade: 7-8 H0430QALT

This course 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. Study will include the close reading of a wide variety of poems. Students will read, discuss, compose and analyze poetry.

Jennifer Strauss
2nd Semester Course Description, 2009-10

Period 1: Algebra I

Grade Level: 7-12

Course Length: Year

The 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, 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 successful completion of 1st semester algebra 1

Credit Count: Math credit .25 per quarter

Period 2: Basic Math

Grade Level: 7-8

Course Length: Year

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

Credit Count: Math credit .25 per quarter

TAs Needed (2) 2nd hour

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

Period 4: Pre-Calc

Grade Level: 7-12

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 passing grade in first semester PreCalc.

Credit Count: Math credit .25 per quarter

Periods 3 and 6: Geometry

Grade Level: 7-17

Course Length: Year

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

Prerequisite: A passing grade in first semester geometry.

Credit Count: Geometry or math credit .25 per quarter

Jennifer Wadsworth
Third Quarter 2009/2010

Periods 1 and 5

Course Name: World History

Grades: 9-12

Pre requisite: none

Length: one quarter

Credit Count: World History

This is an ongoing world history class. We are entering the Middle Ages and will continue through the Renaissance. The Middle Ages is the age of knights, castles, and kings, of the Crusades, of the Black Death, the Inquisition, and witches trials; in the Americas it was the time of the Incas and others; in Asia there was the birth of Islam, the rise of the Mongols, the flowering of the Chinese Empire; and more...

Period 2

Course Name: Writing Mechanics (Zangle: Writing Workshop 998210)

Grades: 7-8

Pre requisite: none

Length: one quarter

Credit Count: Writing, Language Arts

The written word provides students with an opportunity to develop their own voice and writing style. Students will experience and experiment with various genres

through a combination of reading, analysis, writing exercises and completed drafts. Writing mechanics and composition skills will be taught through the study of grammar, sentence structure, and the writing process. Writing exercises will be given daily. Projects are assigned during the quarter and there is a comprehensive final project.

Period 3

Course Name: SDL LA/SS

Grades: 7-12

Pre requisite: Must be responsible and self-directed

Length: one quarter

Credit Count: Language Arts or Social Studies Elective

A self-directed learning class, you choose your area of interest and, with the approval of your choice, plan, resources, and goals by your advisor, parent, and me, you pursue your learning goals while working on and reporting your progress during regular class hours. A minimum of 40 hours must be dedicated towards your goal. Your final products must be proof of the time you have dedicated and learning that you have achieved.

Period 4

Course Name: Conference (not a class)

Period 6

Course Name : Essay Composition

Grades: 9-12

Pre requisite: none

Length: one quarter

Fees: none

Credit Count: Language Arts

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.

Jennifer Wadsworth
Fourth Quarter 2009/2010

Periods 1 and 5

Course Name: World History

Grades: 9-12

Pre requisite: none

Length: one quarter

Fees: none

Credit Count: World History

Brief Description:

This is an ongoing world history class. We will be studying the Late Renaissance and the Age of Discovery. This age included such famous monarchs as Elizabeth the I as well as world-changing events such as the Reformation and the discovery of the explorers.

Period 2

Course Name – Individualized Writing and Reading (Zangle: Individualized Writing)

Grades: 7-8

Pre requisite: none

Length: one quarter

Fees: none

Credit Count: Language Arts

Brief Description: This class involves the independent study of writing or of reading. Students will choose a number of writing or reading projects from choices given by the teacher. Students should choose this subject with a goal in mind. A minimum of four major projects as well as a final project will be completed within the quarter.

Period 3

Course Name: SDL LA/SS

Grades: 7-12

Pre requisite: Must be responsible and self-directed

Length: one quarter

Credit Count: Language Arts or Social Studies Elective

A self-directed learning class, you choose your area of interest and, with the approval of your choice, plan, resources, and goals by your advisor, parent, and me, you pursue your learning goals while working on and reporting your progress during regular class hours. A minimum of 40 hours must be dedicated towards your goal. Your final products must be proof of the time you have dedicated and learning that you have achieved.

Period 4

Course Name: Conference (not a class)

Period 6

Course Name : Multicultural Literature

Grades: 9-12

Pre requisite: none

Length: one quarter

Credit Count: World Literature, Language Arts Elective

This literature class provides an in-depth study of several major literary works. The class focuses on interpretation and analysis of a variety of literature, with an emphasis on expository writing (including timed writings) based on literature.

Jerry Link (Gerald Link)
1st Semester Course Descriptions
2009-10
3rd & 4th Quarter, 2010

Period 1: Conference

Period 2: Applied Technology I

Grade Level: 7-8

Course Length: Quarter/Semester

The Applied Technology course will introduce students to the systematic study of the design, utilization, and adaptation of materials, processes, techniques, and tools. Students will use a four-step problem solving method that emphasizes input, process, output and feedback. Students will explore the technologies of drafting, electronics, flight, scale modeling, and transportation, using a hands-on approach to construct projects in each unit. Some units will require students to work in pairs as a design team where both students input will be necessary for successful completion of the project. Working in a small group also allows students to experience situations typical in the world of business and industry. The resulting atmosphere of research, testing, and exploration brings together the math and science principles in an applied setting. Supporting this concept is the reality that most technologies are inter-disciplinary.

Credit Count: (This class will count for .5 science credit on the credit count sheet)

Period 3: Applied Technology II

Grade Level: 9-12

Course Length: Quarter/Semester

The Applied Technology course will introduce students to the systematic study of the design, utilization, and adaptation of materials, processes, techniques, and tools. Students will use a four-step problem solving method that emphasizes input, process, output and feedback. Students will explore the technologies of drafting, electronics, flight, scale modeling, and transportation, using a hands-on approach to construct projects in each unit. Some units will require students to work in pairs as a design team where both students input will be necessary for successful completion of the project. Working in a small group also allows students to experience situations typical in the world of business and industry. The resulting atmosphere of research, testing, and exploration brings together the math and science principles in an applied setting. Supporting this concept is the reality that most technologies are inter-disciplinary.

Credit Count: (This class will count for .5 science credit on the credit count sheet)

Period 4: Applied Technology I

Grade Level: 7-8

Course Length: Quarter/Semester

The Applied Technology course will introduce students to the systematic study of the design, utilization, and adaptation of materials, processes, techniques, and tools. Students will use a four-step problem solving method that emphasizes input, process, output and feedback. Students will explore the technologies of drafting, electronics, flight, scale modeling, and transportation, using a hands-on approach to construct projects in each unit. Some units will require students to work in pairs as a design team where both students input will be necessary for successful completion of the project. Working in a small group also allows students to experience situations typical in the world of business and industry. The resulting atmosphere of research, testing, and exploration brings together the math and science principles in an applied setting. Supporting this concept is the reality that most technologies are inter-disciplinary.

Credit Count: (This class will count for .5 science credit on the credit count sheet)

Period 5: Applied Technology II

Grade Level: 9-12

Course Length: Quarter/Semester

The Applied Technology course will introduce students to the systematic study of the design, utilization, and adaptation of materials, processes, techniques, and tools. Students will use a four-step problem solving method that emphasizes input, process, output and feedback. Students will explore the technologies of drafting, electronics, flight, scale modeling, and transportation, using a hands-on approach to construct projects in each unit. Some units will require students to work in pairs as a design team where both students input will be necessary for successful completion of the project. Working in a small group also allows students to experience situations typical in the world of business and industry. The resulting atmosphere of research, testing, and exploration brings together the math and science principles in an applied setting. Supporting this concept is the reality that most technologies are inter-disciplinary.

Credit Count: (This class will count for .5 science credit on the credit count sheet)

Period 6: Applied Technology I

Grade Level: 7-8

Course Length: Quarter/Semester

The Applied Technology course will introduce students to the systematic study of the design, utilization, and adaptation of materials, processes, techniques, and tools. Students will use a four-step problem solving method that emphasizes input, process, output and feedback. Students will explore the technologies of drafting, electronics, flight, scale modeling, and transportation, using a hands-on approach to construct projects in each unit. Some units will require students to work in pairs as a design team where both students input will be necessary for successful completion of the project. Working in a small group also allows students to experience situations typical in the world of business and industry. The resulting atmosphere of research, testing, and exploration brings together the math and science principles in an applied setting. Supporting this concept is the reality that most technologies are inter-disciplinary.

Credit Count: (This class will count for .5 science credit on the credit count sheet)

Ken Varee
2nd Semester Description 2009-10
3rd Quarter

Period 1

US History Grades 9-12

This class is part of the yearlong requirement US History requirement. This quarter we'll focus on the events of the late 18th and early 19th century when the US "closed" the frontier and became a world power. Students will be evaluated on the basis of two essay tests, two projects, a number of assignments, and participation.

Credit: US History.

Period 3

African Studies

Grades 7-8

We'll look at the physical and social geography of second largest continent. Students will look at the interactions of the human/environmental interaction on the uneven development of the 53 nations that occupy the mainland and offshore islands. Students will "adopt" two countries that they will research and present to their classmates. Students will be evaluated on the basis of two country projects, a physical geography test, and participation in various other activities focused on the various cultures of the continent.

Credit: Geography/Social Studies

Period 4

Slavery Grades 9-12

Slavery is illegal in all parts of the world, so the scourge is behind us. Right? Wrong! Slavery is very much alive and thriving with more people in bondage today than at any time in history. This course will examine the history of slavery from the earliest times to the present. We'll look at all aspects of bondage where people are held powerless including debt slavery, sex slavery, chattel slavery, etc. and examine ways to fight this scourge of the modern world. Students will be evaluated on the basis of two tests, two projects, discussion of various readings, and participation.

Credit: Social Studies Elective/Elective

Period 5

US History Grades 9-12

This class is part of the yearlong requirement US History requirement. This quarter we'll focus on the events of the late 18th and early 19th century when the US "closed" the frontier and became a world power. Students will be evaluated on the basis of two essay tests, two projects, a number of assignments, and participation.

Credit: US History

Period 6

Microeconomics

Grades 11-12

Economics is the "psychology of want" and this class will examine what drives that want from a personal. We'll investigate the choices we make to satisfy those wants and how the "science" behind them. This is not a class about money management, but choice management. Students will be evaluated on the basis of two essay tests, current events presentations, one project/paper, numerous assignments, and participation.

Credit: Economics (1st Quarter)

Ken Varee
2nd Semester Description, 2009-10
4th Quarter

Period 1

US History Grades 9-12

This class is part of the yearlong requirement US History requirement. This quarter we'll focus on the events of the 20th century to the present. Students will be evaluated on the basis of an oral presentation, a number of assignments, two tests, and participation.

Credit: US History.

Period 3

Asian Studies Grades 7-8

We'll look at the physical and social geography of the largest continent. Students will investigate the interactions of the human/environmental interaction on the uneven development of the 52 nations that occupy the mainland and offshore islands. Students will "adopt" two countries that they will research and present to their classmates. Students will be evaluated on the basis of two country projects, a physical geography test, and participation in various other activities focused on the various cultures of the continent.

Credit: Geography/Social Studies

Period 4

Self Directed Learning (SDL)/Independent Study (IS)

Grades 7-12

Students in this class will be working on student generated SDL classes for elective credit or IS classes to meet core credit requirements for Language Arts or Social Studies. First-time students to this class will complete an introduction to IS/SDL curriculum, but will choose the class they wish to work on. Students will be evaluated on the quality of their contracts, attendance at meetings, mid-quarter self-evaluations, and how well they meet the criteria for grading that they or the instructor agree on in their contract.

Credit: Elective/Language Arts/Social Studies

Period 5

US History Grades 9-12

This class is part of the yearlong requirement US History requirement. This quarter we'll focus on the events of the 20th century to the present. Students will be evaluated on the basis of an oral presentation, a number of assignments, two tests, and participation.

Credit: US History

Period 6

Macroeconomics

Grades 11-12

Macroeconomics focuses on "big picture" economics. We'll examine how the economic principles that apply to individuals impact society and the world at large. We'll examine the role of the Federal Reserve, the impact of government policy, and the issues 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 Bonney
Course Descriptions
2009-2010 - Second Semester
3rd Quarter

Period 2: Social Studies SDL

Grade Level: 7-12

Course Length: Quarter

Interested in a social studies or history topic that never seems to be offered in school? Here is your chance to create your own course. Study abnormal psychology, the history of fashion, military history, Watergate, or whatever topic you are interested and create a project surrounding your research. Projects are of your own creation, meaning you can choose to do a research paper, but instead might create a movie or make a mini museum on your subject.

Credit Count: social science elective or specific social studies credit

Period 3: Genocide

Grade Level: 9-12

Course Length: Quarter

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. This class will focus on specific examples of genocide other than the Holocaust, 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 the genocide currently taking place in Darfur?

Credit Count: Social Science Elective

Period 4: Mock Trials/Law Studies

Grade Level: 7-12

Course Length: Quarter

Interested in our legal system? Do you like to argue and participate in class? If so, this class is for you. We will be looking at how our courts work and the process through which a case is tried. Students will act as lawyers, jury members, and witnesses as we hold mock trials where we will decide the guilt or innocence of our defendants. No previous knowledge about our legal system is needed, but everyone must participate in all parts of a trial. If you are more experienced in the legal system, you are also welcome and I am hoping to form a Mock Trial team for the Anchorage competition.

Credit Count: Social Science Elective

Period 5: Alaska Studies

Grade Level: 10-12

Course Length: Semester

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 facing Alaska.

Credit Count: Alaska Studies

Period 6: 7/8 U.S. History Part 2-Western Expansion

Grade Level: 7/8 grade

Course Length: Quarter

This class will focus on the western expansion of our country that took place in the early 1800s. We will start with the exploration of Lewis and Clark and then look at the settlement of the west. We will consider the Native American groups that were already living in the area and the effects of settlement on them.

Credit Count: History or social studies elective

Leigh Anne Bonney
Course Descriptions
2009-2010 - Second Semester
4th Quarter

Period 2: Contemporary Problems-Global Issues

Grade Level: 9-12

Course Length: Quarter

This course will focus on the social, political, cultural and geographic forces that have created contemporary world “hot spots.” Students will discuss the evolution of these issues on the world stage and the implications of their resolution or non-resolution. As a class, we will be picking world issues, such as global warming, the AIDS epidemic in Africa, globalization, and others; researching the topics and then holding simulated summit meetings, where students represent different view points on the topic and work to resolve and solve them. Participation will be a must for success in this class.

Credit Count: social science elective

Period 3: Consumer Economics

Grade Level: 9-12

Course Length: Quarter

We will be applying economic concepts to real life situations through simulations. Students will act as consumers, producers, workers, and investors. You will be learning how to budget your money, apply for a job, apply for a loan and figure out the cost of that loan, invest in the stock market, and much more. This class will provide practical knowledge about economics that will help you successfully navigate through life.

Credit Count: Economics

Period 4: Cultural Geography

Grade Level: 7-8

Course Length: Quarter

We will be looking at the cultural differences between countries and people. Culture is the set of shared attitudes, values, goals, and practices that characterize a group. Elements of a culture include religion, customs, beliefs, ceremonies, music, clothing, and much more. We will be looking at what influences cultural differences and how cultural traditions spread through out the world. Students will study one country in depth and share their information with the class.

Credit Count: Social Science Elective or geography

Period 5: Alaska Studies

Grade Level: 10-12

Course Length: Semester

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 facing Alaska.

Credit Count: Alaska Studies

Period 6: 7/8 Ancient Civilizations

Grade Level: 7/8 grade

Course Length: Quarter

This course is designed to allow an in-depth study of early worlds from the Americas to China, India, Africa and Mesopotamia. This course explores why and where early civilizations developed and compares their religion, culture, literature, science, technological achievements and their economic and political systems. Sample topics include: pyramids, rise and fall of great empires, high technology of the day, myths, arts, sports, foods and leisure of the ancients and great warriors and their weapons.

Credit Count: History or social studies elective

Lorna Boter
Course Descriptions
2nd Semester 2009-10

Chemistry I,
Grades 9-12

Course Length: Semester

The 3rd and 4th quarters will include the additional major concepts: oxidation, reduction, reaction rates, chemical equilibrium, acids, bases, pH, ionization, stoichiometry, heat of reactions, gas laws, molar concentrations, solutions, and solubility.

Laboratory skills will include: measure of mass and volumes, measure temperature, measure melting points and boiling point, filtering and decanting, graphing, interpretation of data, observation, description, recording, measuring pH, titration, pressure of gases, calorimetry, and preparation of solutions.

Credit Count: Physical Science

Physical Science

Grade 7-8

Course Length: Quarter

This class offers general introduction to physical science that will focus on the principals of chemistry and physics. . The students will be presented with the practical side of physical science that emphasizes the everyday uses of physics and chemistry. In the physics section students will have opportunities to work with simple machines, basic electricity, and various forms of energy. The chemistry section will cover matter, mixtures, and compounds

Credit Count: Physical Science

Geology

Grades 7-8

Course Length: Quarter

This course is designed to give students lab and field experience in the geology of Alaska, with special focus on the mineral wealth, which supports the present and past Alaskan economy. They will also study the geology base and impact of Alaska's oil and natural gas industries.

Health

8th Grade

Course Length: Semester

This course offers effective instruction methods though interdisciplinary approaches that encourage physical activity and promote personal responsibility, lifelong learning, critical thinking, and cooperation. The major topic areas include personal health, nutrition, physical development, social development, and substance abuse. Further studies are interrelated and promote the student's understanding of living a healthy & positive life in his/her environment. Students will also be challenged to practice reflective, active observation and examination of their choices and on the ultimate affect of their decisions on personal, family, and social well-being.

Natalie Foley
Course Descriptions
School Year: 2009-2010
Quarter 3

Course Name: Algebra I

Grade Level: 7 - 12

Period: 1 and 2

Prerequisites: A continuation on the previous semester. You must have completed the first semester to enroll or receive special permission from the instructor.

Description: We will explore graphing, systems of equations, reviewing formulas, and introducing functions. I will take the first 20 students to register for each hour.

Credit Count: .25 Math

Course Name: Algebra II

Grade Level: 9-12

Period: 4 & 5

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

Course Name: Calculus

Grade Level: 9 - 12

Period: 3

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

TA's needed any hour!!

Natalie Foley
Course Descriptions
School Year: 2009-2010
Quarter 4

Course Name: Algebra I

Grade Level: 7 - 12

Period: 1 and 2

Prerequisites: A continuing class, you must have completed previous quarters to enroll.

Description: We will be exploring polynomials, exponents and systems of equations. If you are currently enrolled in first or second hour you will be guaranteed a place to continue in that hour. If you decide to switch hours, you will be wait listed until registration is completed.

Credit Count: .25 Math

Course Name: Algebra II

Grade Level: 9-12

Period: 4 and 5

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

Description: During this quarter, we will cover exponents, logarithms, polynomials and a little trigonometry if there is time. If you are currently enrolled, you will be guaranteed a spot in that class.

Credit Count: .25 Math

Course Name: Calculus

Grade Level: 9 - 12

Period: 3

Prerequisites: A continuation on the previous quarter. You must have completed all previous quarters to enroll.

Description: We will continue to examine the integral and its applications.

Credit Count: .25 Math

TA's needed any hour!!

Nina Bonito Romine
Semester One
Course Description, 2009-10

Descripción de cursos

Período 0: Español 2 (continuación)

¡La aventura continúa! Presentaciones orales,
pruebacitas. ¡El pasado!
Enfasis en el vocabulario ¡Auméntalo!

Período 1: Español I (continuación)

Una clase para los estudiantes de español 1
Enfasis en hablar!

AIDE WANTED: Spanish student preferred

Período 2: Español I (continuación)

Una clase para los estudiantes de español 1
Enfasis en hablar!

AIDE WANTED: Spanish student preferred

Período 3: Español 3 (continuación)

Presentaciones orales; composición; práctica con el pasado: el pretérito y el imperfecto; el futuro y el condicional.
Miramos *EXTRA!* El serie de televisor en español.

AIDE WANTED: Spanish student preferred

Período 4: Español 2 (continuación)

¡La aventura continúa! Presentaciones orales,
pruebacitas. ¡El pasado!
Enfasis en el vocabulario ¡Auméntalo!

Período 5: Español 4+

Este semestre estudiaremos la gramática avanzada y temas históricas. Todos van a preparar y presentar tres discursos (speeches); [personal narrative, demonstrative, and persuasive]

Crédito: Speech

Período 6: Conferencia

Period 7: Spanish Tutorial / Study Hall

Meet with your Peer Coach/ee on a regular basis, log your time in the Peer Coaching Book and earn extra credit. Peer Coaching is a great way to organize yourself, get homework and projects done on time and review material. Sometimes its just fun to speak Spanish with an upper level student, or play Scrabble, Monopoly or Clue en español.
¡Olé! Sign up today **(Not for Credit Course)**

All Spanish courses count as Academic Elective Credit; that is, for probation purposes they are considered academic rather than elective, with the exception of Tutorial/Study Hall =N/C

Philip Fleckenstein
Course Descriptions
2009-2010
Third Quarter

STUDENT AIDES NEEDED ANY HOUR!!!

Period 2: Advanced Human Anatomy and Physiology

Grade Level: 9-12

Prerequisites: Biology

This course is the study of the structure and function of the various portions of human anatomy and their corresponding physiologies. This course is recommended for those students who are interested in medical/health related careers.

Credit Count: Science

Class Length: Semester

Costs: \$10

Period 3: Special Projects Science.

Grade Level: 7-12

Prerequisites: none

This is a Self-Directed Learning class that is tailored towards the sciences. Students will be responsible for coming up with and designing their own science classes. Other SDL's that are not in the field of science may be possible if there is room for enrollment.

Credit Count: Science

Class Length: Qtr or Sem

Costs: 0

Period 4: Science Olympiad

Grade Level: 7-8

Prerequisites: none

This is an exploratory science class with the goal of investigating the scientific method through Science Olympiad Challenges. Many topics will be covered including but not limited to : Flight, simple engineering, and introductory physics.

Credit Count: Science Elective.

Class Length: Quarter

Costs: \$5

Period 5: Biology

Grade Level: 9-12

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

Class Length: Year

Costs: \$10

Period 6: Biology

Grade Level: 9-12

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

Class Length: Year

Costs: \$10

STUDENT AIDES NEEDED ANY HOUR!!!

Philip Fleckenstein
Course Descriptions
2009-2010
Fourth Quarter

STUDENT AIDES NEEDED ANY HOUR!!!

Period 2: Advanced Human Anatomy and Physiology

Grade Level: 9-12

Prerequisites: Biology

This course is the study of the structure and function of the various portions of human anatomy and their corresponding physiologies. This course is recommended for those students who are interested in medical/health related careers.

Credit Count: Science

Class Length: Semester

Costs: \$25

Period 3: Special Projects Science.

Grade Level: 7-12

Prerequisites: none

This is a Self-Directed Learning class that is tailored towards the sciences. Students will be responsible for coming up with and designing their own science classes. Other SDL's that are not in the field of science may be possible if there is room for enrollment.

Credit Count: Physical Science

Class Length: Qtr or Sem

Costs: 0

Period 4: Alaska Biological Illustration

Grade Level: 7-8

Prerequisites: none

Students will learn to use both traditional and digital techniques to prepare biological illustrations for scientific publication. Course work will focus on enhancement of drawing techniques and research skills. Students will be putting together a comprehensive field guide to Alaskan Wildlife and Botany.

Credit Count: Life Science

Class Length: Quarter

Costs: \$5

Period 5: Biology

Grade Level: 9-12

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

Class Length: Year

Costs: \$10

Period 6: Biology

Grade Level: 9-12

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

Class Length: Year

Costs: \$10

STUDENT AIDES NEEDED ANY HOUR!!!

Svetlana Jackson
Semester Two
Course Descriptions 2009-10

Period 1: Volleyball

Grade Level: 7-12

Course Length: Quarter

Beginning to intermediate level Volleyball. Drills and team competition are part of the game. Students are required to wear appropriate clothing. (gym clothes) Students will be graded on participation, attitude, behavior and attendance. Pass/Fail

Credit Count: PE Credit

Period 2 and 3: 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 is a goal itself. Students are introduced to a Russian life and culture. Information is given about famous people, facts, traditions, music, art, and history of the country.

Academic Elective credit

Fee: \$5

Period 5 and 7: 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 at <http://www.asdk12.org/schools/myhigh/pages/>

Application required.

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

No fee

Period 6: Tech Support (No classes)

Troy's (Vincent Fast)
3rd Quarter Course Description, 2009-10

Period 2: 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 3: Rec. Games

Grade Level: 7-12

Course Length: Qtr.

This course will offer a variety of fun games such as floor hockey, kickball, volleyball, ping-pong, 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

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.

Credit Count: P.E./ Elective

Period 5: Lifetime Personal Fitness

Grade Level: 9-12

Course Length: Semester

Lifetime Personal Fitness is a semester class required for graduation. Meeting fitness standards, and experiencing actives, which a student can incorporate in their lifestyle for life is the main focus of the class. Students will discover where their own fitness levels are and ways for them to improve the levels. Working within their own target heart rate zone the student will increase their heart's functioning ability. Muscles will be worked both for strength and endurance. Flexibility and stress management will be incorporated into the class structure. Upon successful completion of the class a students will have a respect for all aspects of fitness and be able to design a program for him/herself that will be affective for their own lifestyle.

Credit Count: LPF

Period 6: 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 7: Independent Study P.E.

Grade Level: 7-12

Course Length: Quarter

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 (Vincent Fast)
4th Quarter Course Description, 2009-10

Period 2: Pickleball

Grade Level: 7-12

Course Length: Qtr.

The purpose of this course is to introduce students to the basic skills and knowledge associated with pickleball 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 3: Rec. Games

Grade Level: 7-12

Course Length: Qtr.

This course will offer a variety of fun games such as floor hockey, kickball, volleyball, ping-pong, 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

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 an understanding of how a wellness lifestyle affects one's health, fitness and physical performance.

Credit Count: P.E./ Elective

Period 5: Lifetime Personal Fitness

Grade Level: 9-12

Course Length: Semester

Lifetime Personal Fitness is a semester class required for graduation. Meeting fitness standards, and experiencing activities, which a student can incorporate in their lifestyle for life is the main focus of the class. Students will discover where their own fitness levels are and ways for them to improve the levels. Working within their own target heart rate zone the student will increase their heart's functioning ability. Muscles will be worked both for strength and endurance. Flexibility and stress management will be incorporated into the class structure. Upon successful completion of the class a students will have a respect for all aspects of fitness and be able to design a program for him/herself that will be affective for their own lifestyle.

Credit Count: LPF

Period 6: Softball

Grade Level: 7-12

Course Length: Quarter

The purpose of this course is to give students the necessary skills and knowledge to play softball. Students will apply these skills through active participation. We will start off strengthening our throwing arms and doing some drills inside. Hopefully we will be getting outside early this quarter. There we can have some good games.

Parent volunteers are welcome.

Credit Count: P.E.

Period 7: Independent Study P.E.

Grade Level: 7-12

Course Length: Quarter

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.

Sally Jungreis

Course Name: Orchestra/String Class

Period: 1

Grade Level: 7-12

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 in a group!

Nobuo Toba

Course Name: Band

Period: 1

Prerequisite: Prior experience with a traditional band instrument in elementary and/or secondary school

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.

Peer Taught Slam Poetry

4th quarter

Gerald's Room

3rd Period

Grades: 9-12

Taught by Ella Evans. Students must petition for academic credit.

Credit: Elective Elective

