

## **Course Descriptions 2nd Semester 2011-12**

**Alysha Gates**

### **Period 1 and 2: Basic Math**

**Grade Level: 7-8**

**Course Length: Year**

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

**Credit Count: Math Credit .25 per quarter**

**Ashley Van Hemert**

### **Period 1: Español I**

**Grade Level: 7-10 Course Length: Year**

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

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

**AIDE WANTED: Spanish student preferred**

### **Period 2: Español I**

**Grade Level: 7-10 Course Length: Year**

Same as period 1.

**AIDE WANTED: Spanish student preferred**

### **Period 3: Español III**

**Grade Level: 10-12 Course Length: Year**

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

**Credit Count: .25 Elective credit (upon completion of second semester students receive .5 social studies elective credit)**

**Period 4: Español IV+**

**Grade Level: 11-12      Course Length: Year**

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

**Credit Count: .25 Elective credit**

**Period 5: Español I**

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

¡Bienvenido a tu segundo año de español! Vamos a hablar y leer mucho. También, vamos a estudiar el pasado. This year we will talk about family, friends and vacations. This semester we will conclude, “Eres tú María” and read a short novel.

**Credit Count: .25 Elective credit**

**Period 6: La conferencia**

**Bob Vandergriff**

**Period 1: Conference**

**Period 2: Transformational Grammar**

**Grade Level: 9-12**

**Course Length: Semester**

Do you think that sentence diagramming is boring? Well, here is the class for you! You will learn the most fascinating way to decipher Standard American English as well as ways to understand what goes where. Based on research of the brain, Transformational Grammar will help make sense of the way we speak and write.

**Credit Count: English Elective**

**Period 3: Essay Composition**

**Grade Level: 7-8**

**Course Length: Semester**

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

**Credit Count: Writing**

**Period 4: Public Speaking**

**Grade Level: 7-8**

**Course Length: Semester**

This is an introduction to public speaking. Students will learn different forms and styles of speaking in front of an audience. They will have a choice of three-four speeches that they will write and deliver in class. This class will be supportive and will be designed to help students overcome the number one fear in the United States.

**Credit Count: English Elective**

### **Period 5: American Literature**

**Grade Level: 9-12**

**Course Length: Semester**

This semester will have a different focus for each quarter. We will be exploring mainly modern American plays and their authors throughout the first quarter. We will learn what makes plays a unique piece of literature, read through plays, discuss aspects of the works, place them in historical/stylistic perspective, and have fun with them. The second quarter is a survey course of major American poets and the works they have produced. Students will research individual authors while reading and interpreting the works that made them famous. If you are uncomfortable with poetry, DO NOT WORRY! We will spend time discussing the finer points of reading poetry for understanding and, MOST IMPORTANTLY, enjoyment.

**Credit Count: American Literature, Literature Elective, or English Elective**

### **Period 6: Creative Speaking**

**Grade Level: 9-12**

**Course Length: Semester**

Creative Speaking is a way to learn how to speak for entertainment and enjoyment. The class broadens your understanding of literature in a format you do not always find: your voice. We will be focusing on three different formats: reciting poetic works, competitive speaking events from the Forensic category of DDF, and original student pieces.

**Credit Count: Speech or English Elective**

## **Danelle Avellino**

### **Period 2: Physical Science**

**Course Length: Semester**

**Grade Level: 7-8**

This is a very basic course in physical science that will introduce the general principles of chemistry and physics. The chemistry topics will be covered second semester and will include Matter, Atomic Structure, Periodic Table, Chemical Reactions, and Acids & Bases.

**Credit Count: .5 Chemical Science**

### **Period 3: Physical Science**

**Course Length: Semester**

**Grade Level: 9-12**

This is a very basic course in physical science that will introduce the general principles of chemistry and physics. The chemistry topics will be covered second semester and will include Matter, Atomic Structure, Periodic Table, Chemical Reactions, and Acids & Bases.

**Credit Count: .5 Chemical Science**

**Period 4: Chemistry****Course Length: Semester****Grade Level: 9-12****Prerequisite: Algebra I**

This is a beginning course that will include the following concepts: atomic structure, mole concept, chemical periodicity, writing formulas and equations, nomenclature of compounds, chemical bonding, use of symbols, valence, physical, and chemical properties, elements, mixtures, and compounds, kinetic molecular theory of solids, liquids, and gases. Laboratory skills will include measurements of mass, volume, temperature, and density, graphing, interpretation of data, observation, description, and recording.

**Credit Count: .5 Chemical Science****Period 5: Physical Science****Course Length: Semester****Grade Level: 7-8**

This is a very basic course in physical science that will introduce the general principles of chemistry and physics. The chemistry topics will be covered second semester and will include Matter, Atomic Structure, Periodic Table, Chemical Reactions, and Acids & Bases.

**Credit Count: .5 Chemical Science****Period 6: Chemistry****Course Length: Semester****Grade Level: 9-12****Prerequisite: Algebra I**

This is a beginning course that will include a study of the following concepts: atomic structure, mole concept, chemical periodicity, writing formulas and equations, nomenclature of compounds, chemical bonding, use of symbols, valence, physical, and chemical properties, elements, mixtures, and compounds, kinetic molecular theory of solids, liquids, and gases. Laboratory skills will include measurements of mass, volume, temperature, and density, graphing, interpretation of data, observation, description, and recording.

**Credit Count: .5 Chemical Science****\*\*STUDENT AIDS WELCOME ALL CLASS PERIODS \*\*****Danielle Sjoden****Period 1: Intermediate Composition****Grade Level: 9-10****Course Length: Semester**

Students will practice writing for different purposes with a focus on reviewing and improving the expository and persuasive essay. Students will also become familiar with literary analysis and citing sources using a standard method of documentation. Special emphasis will be placed on revision as well as building grammar and vocabulary skills.

**Credit: .50 Intermediate Composition****Period 2: English I.S./SDL****Grade Level: 9-12****Course Length: Semester**

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

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

### **Period 3: Peer-taught Language Arts Seminar**

**Grade Level: 9-12**

**Course Length: Semester**

This class will focus on practicing the seminar process. We will be reading pieces written by a wide range of authors like Aristotle, Emily Dickinson, and Ray Bradbury. Genres and topics will vary as well, from science fiction short stories to excerpts from books on Ancient Greek philosophy. Though the styles of the pieces are fairly different, the topics and ideas behind them all relate to each other so they can be referenced in seminars throughout the semester. This way pieces aren't just read through once and then forgotten about. The class will include, but not be limited to, close reading each piece, seminar after close reading, and writing pre- and post-writes. This is a semester long class for grades 9-12 and English credit may be given upon request.

**Credit:** .50 Elective – students may petition for English credit

### **Period 4: World Literature**

**Grade Level: 9-12**

**Course Length: Semester**

The readings and discussions for this semester will focus on the theme of dystopia. Readings will include *Brave New World*, *Animal Farm*, *Night*, the graphic novel *Persepolis* and possibly *The Kite Runner* or *Lord of the Flies*. We will look at how these different works explore questions about society and human nature through the representation of real and imagined oppressive societies and individuals' responses to them. In addition to reading, students can expect to participate in discussion, take notes, research and present on related topics of their choice, and practice different styles of writing and responding to literature.

**Credit:** .50 American Literature or .50 English/Lit. Elective

### **Period 5/6: 8<sup>th</sup> Grade Seminar**

**Course Length: Semester**

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

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

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

## **Gerald Brown**

### **Ecology**

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

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

Grades: 9-12

### **Physics**

Topics covered this semester will include but not be limited to: fluid mechanics, heat and thermodynamics, vibrations and waves, sound, and light in terms of reflection, refraction, interference and diffraction.

### **Health**

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

Credit: .25 Health/quarter

Grade 8th

### **Geology**

This course is designed to give students lab 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.

Credit .25/quarter

Grades 7-8

### **Science, Biological**

Students will learn about cell structure and function along with cellular processes and energy. An introduction to the science of heredity will also be given. The plant and animal kingdoms will be stressed.

Credit .25/quarter

Grades 7-8

## **Jen Neff**

### **Period 1 and 2: 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 1<sup>st</sup> semester algebra 1

**Credit Count: Math credit .25 per quarter**

### **Periods 3 and 4: 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**

### **Period 5: 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**

## **Jennifer Wadsworth**

### **Period 1: World Literature**

**Grade Level: 9-12**

**Course Length: semester**

**Description:** This semester course incorporates an integrated approach to the teaching of listening, speaking, reading and writing. This course offers a focus on world literature. Students are instructed in a process approach to reading and writing. Individual and group verbal activities are included to help students work effectively with others. Students practice reading a variety of types of fiction and nonfiction literature and writing for different purposes and audiences. Emphasis is on improving reading and writing skills in practical and creative situations.

**Credit Count:** 1/2 credit World Literature

**Prerequisite:** None

### **Period 2: World Literature**

**Grade Level:** 7-8

**Course Length:** semester

Description: Students explore world cultures through a variety of literature as they travel through the continents reading multicultural folk tales, myths, and novels. Students will use their reading experiences to build an understanding of and appreciation for the similarities and differences among the world's many cultures.

**Credit Count:** 1/2 credit World Literature

**Prerequisite:** None

### **Period 3: Advanced Composition**

**Grade Level:** 11-12

**Course Length:** semester

Description: This course will teach us the fine art of writing, particularly for audiences in a university setting. During the semester, we will develop critical thinking skills, write for different audiences and situations, and learn how to develop and support our own positions through consulting authoritative sources. We will also work on polishing our style and eliminating mechanical errors from our writing. Students are required to maintain a working e-mail account as well as to be able to access the internet as all assignments and supplemental material will be available through email and the internet. All essay assignments, including rough drafts, will be submitted electronically as attachment files.

**Credit Count:** 1/2 credit Advanced Composition

**Prerequisite:** 1/2 credit Intermediate Composition

### **Period 4: Symbolism and Meaning in Horror Films**

**Grade Level:** 9-12

**Course Length:** quarter

Description: This peer taught elective will involve exploring the symbolism and meaning found in the horror genre of film. Various films will be viewed. A permission form allowing the viewing of "R" rated film is required.

**Credit Count:** 1/4 Elective

**Prerequisite:** None

### **Period 5: World Literature**

**Grade Level:** 7-8

**Course Length:** semester

Description: Students explore world cultures through a variety of literature as they travel through the continents reading multicultural folk tales, myths, and novels. Students will use their reading experiences to build an understanding of and appreciation for the similarities and differences among the world's many cultures.

**Credit Count:** 1/2 credit World Literature

**Prerequisite:** None



## **Period 6: World History**

**Grade Level: 9-12**

**Course Length: semester**

Description: 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...

**Credit Count:** 1/2 credit World History II

**Prerequisite:** 1/2 credit World History I

## **Ken Varee - 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 18<sup>th</sup> and early 19<sup>th</sup> 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**

### **Sociology**

### **Grades 7-8**

Sociology is a very broad discipline that looks at human behavior in groups. Its traditional focuses have included [social stratification](#), [social class](#), [social mobility](#), [religion](#), [secularisation](#), [law](#), and [deviance](#). We'll at the variety of ways that humans interact with particular attention to the teenage period of development. Students will be evaluated on the basis of tests, projects, assignments, and participation.

**Credit: Elective/Social Studies**

### **Period 4**

### **Psychology**

### **Grades 9-12**

The study of the mind is one of the most intriguing of the social studies. We'll spend the semester learning the basics of the field of psychology as well as what the latest research tells us about the brain and human behavior. Students will be conduct experiments and be subjects of experiments themselves. Evaluations will be based on tests, presentations, discussions of readings and participation.

**Credit: High Social Studies/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 18<sup>th</sup> and early 19<sup>th</sup> 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 (1<sup>st</sup> Quarter)**

**Ken Varee - 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 20<sup>th</sup> 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**

**Special Projects Social Studies**

**Grades 7-8**

Students will work on Independent Study projects on a social studies topic of their choice. These projects will be more narrowly focused than a regular class with students having the opportunity to delve deeply into a subject of their interest. Students will complete a contract with goals, objectives, and methodology for studying their topic in conjunction with the teacher. Students will be graded on how well they meet the terms of their contract.

**Credit: Social Studies/elective**

**Period 4**

**Psychology**

**Grades 9-12**

This will be continuation of the 3<sup>rd</sup> Quarter psychology class with an expansion into more advanced themes including gender roles, motivation and emotion, psychological testing, personality, stress and health, psychological disorders, methods of therapy, and social interaction. Students will be evaluated on the basis of tests, experiments, participation, and projects.

**Credit: Elective/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 20<sup>th</sup> 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 (2<sup>nd</sup> Quarter)**

## **Lee Weiland**

### **1<sup>st</sup> Hour**

#### **Weight Training (7<sup>th</sup> – 12<sup>th</sup> grade)**

This is the second semester of weight training.

This class will focus on conditioning and strength training through bodyweight exercises, weight machines, powerlifting, and stretching while maintaining a personal log of exercises, progress, and research that relates to setting personal goals pertaining to strength and fitness.

### **3<sup>rd</sup> Hour**

#### **Advanced Art (9<sup>th</sup> – 12<sup>th</sup> grade)**

This is the second semester of Advanced Art studies.

This class will focus on developing a strong portfolio of artwork that demonstrates a confident use of the elements and principles of design through a variety of materials that culminates in vivid expression of artistic voice. Topics of study include breadth (showing a variety of work) and concentration (work that focuses on a particular area of personal interest).

### **4<sup>th</sup> Hour**

#### **Drawing & Painting (7<sup>th</sup> – 10<sup>th</sup>)**

This is the second semester of Art Exploration/Art I.

This class will focus on developing a thorough understanding and use of drawing materials and techniques as well as fundamental painting techniques. Topics of study include but are not limited to illustration, Manga/Anime/graphic novels, realism, surrealism, and Steampunk.

### **5<sup>th</sup> Hour**

#### **Drawing & Design (9<sup>th</sup>-12<sup>th</sup>)**

If you’re interested in learning how to draw realistically and use those skills to create images that have visual impact, illustrate ideas, and convey concepts, then sign up for this class.

### **6<sup>th</sup> Hour**

#### **Drawing & Painting (7<sup>th</sup> – 10<sup>th</sup>)**

This is the second semester of Art Exploration/Art I.

This class will focus on developing a thorough understanding and use of drawing materials and techniques as well as fundamental painting techniques. Topics of study include but are not limited to story illustration, Manga/Anime/graphic novels, realism, surrealism, and Steampunk.

## Leigh Anne Bonney

### **Period 1: Teacher Aide Needed!!**

### **Period 2: World History**

**Course Length: 1 year**

This course continues our study of world history from first semester. Included in the second semester world history curriculum are the geographic regions of Africa, the Middle East, the Americas, and Europe. Some of the major events that will be explored are the spread of Islam, Colonialism, the Middle Ages, the Crusades, the Black Plague, and more. 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. Students will explore these topics through a variety of methods and material, including primary documents, simulations, and projects.

**Credit:** .50 World History

**Grades:** 9-12

### **Periods 3 and 4: Build a World Project**

**Course Length: One Semester**

In this class, students will be working in groups on a simulation called “Build a World.” Each group will be planning for the inhabitation of an island and will work as a group to design a “perfect” society. They will develop a system of governance and economy. They will research energy sources available to them and decide on the best course of action for their island. They will also design their community layout and land usage. Once the island is established, they will begin trading and competing against other groups and their islands. This project is designed to provide students with an introduction on government, economics, international relations, environmental impact and decision-making, and much more. Students will be introduced to each topic using examples from our world and then will have to discuss and compromise with their group to come to consensus on what is best for their island.

Please note that this class is being offered both 3<sup>rd</sup> and 4<sup>th</sup> period, so students can only sign up for one.

**Credit:** .50 Social Studies Elective

**Grades:** 7 and 8

### **Period 5: Social Studies Seminar**

**Course Length: Semester**

The goal of this class is to create an environment where students can respectfully and intelligently discuss topics that are important to them and society. Students will be given a chance to set the agenda of this class by brainstorming topics that concern or interest them, such as the economic problems our country faces, racism in the United States, growing extremism within our country, etc. Then we will read and discuss pieces on these topics using the seminar method including coaching, prewrite, seminar, and post-write. Pieces can be written, visual, or other mediums. This is a Socratic Seminar class! That of course means that everyone will be reading, discussing, and writing.

**Credit:** .50 Social Science Elective

**Grades:** 9-12

**Period 6: Passages**

**Course Length:** Semester

Passages will actively prepare students to transition from adolescence to adulthood by challenging students beyond their traditional areas of expertise. Students will develop their “Passage” curriculum with significant help from teachers, peers, and mentors in specific curricular areas and will have at least one community service component. Each student’s passage will be different and will fall into one of six areas (Career exploration, creativity, practical skills, global awareness, logical inquiry, and adventure). This is not an SDL. This is a self-directed class where the goal is to stretch beyond your comfort zone! This is a great opportunity for students to push themselves and to give back to their community. Ideas for a Passage depend on your interests and creativity, but this is a great opportunity for you to research and prepare to teach Peer Taught next year, explore a career field that you are interested in, and much more.

**Grade Level:** 9-12

**Credit Count:** Elective

**Period 6: Social Studies Special Topics (SDL)**

**Course Length:** Quarter or Semester

Are you interested in studying a topic that is never taught in school? This is Self-Directed Learning class where students choose what topic they wish to investigate and learn more about. Students develop a project based on individual interest and collaboration of ideas with the teacher. Topics need to be social studies related, such as a specific war, battle, culture, political issue, or historical event. Students will be responsible for researching their topic, completing a project, and sharing their learning with the class.

**Credit:** Social Studies Elective or other credit if more suitable

**Grades:** 7-12

**Natalie Foley**

**Course Name:** Algebra II

Period: 3 & 6

Grade Level: 9-12

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

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

Credit Count: .25 Math

**Course Name:** Calculus

Period: 5

Grade Level: 9 - 12

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

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

Credit Count: .25 Math

## **Nobou Toba - Band**

1st Hour

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

Course Description: This class is designed to improve student's technical skills on their instrument. Students will experience an awareness of music through theory and history of band music. Concert participation is mandatory. Full semester commitment is required. Repeatable unlimited times.

## **Philip Fleckenstein**

### **STUDENT AIDES NEEDED ANY HOUR!!!**

**Period 2: Advanced Human Anatomy and Physiology  
Year**

**Class Length:**

**Grade Level: 9-12**

**Costs: \$10**

**Prerequisites: Biology**

This year long 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.

**Period 3: Biology  
Year**

**Class Length:**

**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 4: Self-Directed Learning: Science  
Semester**

**Class Length:**

**Grade level: 7-12**

**Cost: TBD**

**Prerequisites: none**

This is a Self -Directed Learning class that is tailored towards the sciences. Students will be responsible for designing their own science class in conjunction with a mentor teacher. Student

responsibilities will include goal setting, basic scientific inquiry and a final presentation of all materials studied.

**Credit Count: 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: 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**

**STUDENT AIDES NEEDED ANY HOUR!!!**

## **Sally Jungreis – Orchestra**

Welcome to Orchestra!

Below are the basic guidelines for what to expect each day in class.

### **Supplies**

- Instrument
- Folder
- Pencil

### **In-Class Expectations**

- FULL YEAR COMMITMENT
- Attend all classes.
- Have required materials always in hand.
- Keep a positive attitude and show willingness to try!

### **Outside Class Expectations**

- PRACTICE!

- Participate in all orchestra concerts and events.
- Be on time to concerts , and come appropriately dressed as well.

### **Grading**

Daily participation and behavior	25%	
Playing tests/paper tests		25-50%
Practice sheets	25%	
Concerts		0-25%

## **Svetlana Jackson**

### **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 is 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**

### **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**

### **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 Elective

### **Period 5& 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/>

Application required.

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

**Course Length: Semester**

## **Troy Fast**

### **Period 1: Pre-Algebra**

**Grade Level: 7-9**

**Course Length: Year**

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

### **Period 2: Pre-Algebra**

**Grade Level: 7-9**

**Course Length: Year**

This is the same course as period one.

### **Period 3: Net Games**

**Grade Level: 7-12**

**Course Length: Quarter**

The purpose of this course is to introduce to some and to hone for others, skills in net games. These may include such games as Volleyball, Ping-Pong, Pickle Ball, and Badminton. Students will learn through active participation, the basics of the games and the rules.

### **Period 4: 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 5: Copoeira (Peer Taught)****Grade Level: 9-12****Course Length: Semester**

Capoeira is a martial art disguised as a dance. Born in Africa, raised in Brazil, and now practiced worldwide, this is a style of moving guaranteed to be different from anything you've tried before. In this class, we'll look at basic capoeira techniques, as well as general fitness and physical maintenance, Brazilian history and culture, traditional music and dance, and more! No prior experience is necessary--this is an introductory course, so we'll be teaching you the skills you need to enjoy this fantastic art form.

**Period 6: 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 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.**