

**SANTIAM  
JUNIOR/SENIOR  
HIGH SCHOOL**



2023 -  
2024

**COURSE GUIDE**



# ART

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Art		1.0	9-12	None	Fine Arts

**Course Description:**

This year-long course surveys a wide variety of artistic techniques and mediums. The 1st quarter begins with basic drawing skills, color harmonies, and painting skills. In the 2nd quarter students will study and mimic different styles and movements through art history. The 3rd and 4th quarters introduces hands-on and industrial crafts like screen printing, 3D printed designs, and paper crafts, culminating in the student's choice of a final masterpiece project to round out their portfolio of work.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Photojournalism/Yearbook		0.5	9-12	None	Elective

**Course Description:**

Photojournalism will provide students with an understanding of photographic media, techniques, and processes. This course will also produce the Santiam Yearbook.

# PERFORMING ARTS

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Intro Band		1.0	6-12	None	Fine Arts

**Course Description:**

Performance-Based Class. Course covers helping students develop fundamental techniques for playing brass, woodwind, and percussion instruments in a variety of musical styles (pep band, classical, rock). Course includes informal and formal performances as part of the Santiam Music Program.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Advanced Band		1.0	8-12	Intro Band	Fine Arts

**Course Description:**

Performance-Based Class. Course covers promoting students' technique for playing brass, woodwind and percussion instruments, covering a variety of music literature styles. Course also includes informal concerts, but is designed primarily for formal concert performances as part of the Santiam Music Program.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
HS School of Rock		1.0	9-12	None	Fine Arts

**Course Description:**

Performance-Based Class. Course covers playing instruments in a band setting in contemporary styles (i.e. rock, pop, blues, punk). Course includes informal and formal performances as part of the Santiam Music Program.

Course Title	Course #	Credit	Level	Prerequisite	Graduation
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					Requirements
MS School of Rock		0.5	6-8	None	N/A
<b>Course Description:</b> Performance-Based Class. Course covers playing in a band setting in contemporary styles (i.e. rock, pop, blues, punk). Students may select instruments including voice, guitar, bass, percussion (drums), keyboard, and/or a **band instrument (**must be in Band). Course includes informal and formal performances as part of the Santiam Music Program.					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Music Production		1.0	9-12	None	Fine Arts
<b>Course Description:</b> After taking this course, students will have the skills necessary to run live sound (speeches, rock concerts, pep band, etc.), DJ local events (Santiam middle school dances, field day, assemblies, etc.), record their own (or their friend's) sounds into a computer. Students begin the Music Production course by studying how the human ear hears and experiences sound, through study of the EQ spectrum and listening exercises. Following, students will learn how to set up and create an environment for live sound. After creating a live sound production, students will use their already learned knowledge and skills to practice capturing and producing recorded sounds into a computer. Additionally, students will learn how to use premade loops and record their own sounds to create their own beats/songs/soundtracks.					

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## LANGUAGE ARTS

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
7th Grade ELA		NA	7th		NA

**Course Description:**

This class is broken into 4 parts. The first part looks at a review of old grammar and introduction of new grammatical ideas. The other 3 parts are based on learning different concepts through novel analysis. Novels that are covered in class include The Giver, Touching Spirit Bear, & Harry Potter and the Sorcerer's Stone.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
8th Grade ELA		NA	8th	None	NA

**Course Description:**

This class focuses on strategic reading and writing, communication and grammar aligned to the Common Core standards and Smarter Balanced testing. You will develop organization and study skills, analyze and create a variety of texts to meet a variety of audience purposes, cultivate research knowledge, and practice a range of reading strategies.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
English 1		1.0	9	None	Language Arts

**Course Description:**

English I challenges students to become better readers, writers, speakers and thinkers as we work to master the Common Core State Standards for language arts. There is a focus on interesting modern stories and classics. Special emphasis will be given to improving grammar and increasing vocabulary.

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
English 2		1.0	10	English 1	Language Arts

**Course Description:**

English 2 will continue student exposure to a variety of literary forms: short story, novel, poetry, and drama. The students will practice written forms of expression, concentrating on the four modes of writing: narrative, descriptive, expository, and persuasive as they work to develop their own voice and style. In order to reinforce basic communication skills, students will continue in vocabulary and spelling as well as grammar and punctuation.

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
English 3		1.0	11	English 2	Language Arts

**Course Description:**

English 3 is designed to build upon the literature, composition, vocabulary, and other communications skills addressed in English 2. Students engage in a variety of learning experiences: writing, research, oral presentations, reading of various genres, group work, and independent study. Through these experiences, students will explore the development of American literature as part of American history and thought. Students will also strive to improve competence in writing well-developed essays and in the elements of research.

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
English 4		1.0	12	English 3	Language Arts

**Course Description:**

This course engages students in careful reading and critical analysis of the literary works of both American and British writers. The course includes a study of representative literary works from various genres and periods. Close reading by students involves the following elements of study: the experience of literature (responding with pre-critical impression and emotional response), the interpretation of literature (analyzing to understand multiple meanings), and the evaluation of literature (considering the social and/or cultural value of the work).

## MATH

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
7th Grade Math		NA	7	6th Grade Math	Math

**Course Description:**

In this course students will explore a variety of topics within 7th grade math including number systems, integers, solving equations, ratios & proportions, percentages, probability and direct variation. Students will achieve fluency in adding, subtracting, multiplying and dividing integers. Students will also explore geometric concepts including angles, two-dimensional measurements and three-dimensional measurements.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
8th Grade Math		NA	8	7th Grade Math	Math

**Course Description:**

In this course students will explore a variety of topics within 8th grade math including expressions, equations, integers, graphing linear equations, and working with two-variable data. Students will achieve fluency in integer operations and working with exponents. Students will also explore geometric concepts including angles, triangles, the Pythagorean Theorem and three-dimensional measurements (volume).



Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Algebra 1		1.0	9-12	None	Math

**Course Description:**

In this course students will explore a variety of topics within algebra including linear, exponential, quadratic, and polynomial equations and functions. Students will achieve fluency in solving linear and quadratic equations as well as with manipulation of polynomials using addition, subtraction, multiplication, and factoring. Students will understand the key differences between linear and exponential functions.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Geometry/Statistics		1.0	9-12	Algebra 1	Math

**Course Description:**

**This course is broken down into two topic areas: Geometry and Statistics.**

**Geometry:** In this course students will explore a variety of topics within Geometry including constructions, points, lines, planes, similar triangles, transformations, quadrilaterals and circles. Students will achieve fluency in similar & congruent triangles, area and volume. Students will understand the key differences between parallel & perpendicular lines.

**Statistics:** In this course students will collect, analyze, and draw conclusions from data. Topics typically include populations and samples, measures of central tendency and variability, hypothesis testing, presentation, and making statistical inferences.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Algebra 2		1.0	9-12	Algebra 1 & Geometry	Math

**Course Description:**

Algebra 2 deeply explores algebraic concepts. Concepts include but are not limited to exploring functions and other parent graphs, quadratics, exponential, logarithms and inverses, polynomials and trigonometry. This course meets the basic entrance requirements for most 4 year Universities.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Algebra Topics		1.0	9-12	Algebra & Geometry	Math
<p><b>Course Description:</b>            Students will study advanced topics not addressed in Algebra I and Geometry and explore topics from Algebra II. A good portion of this course will be spent on the applications of these mathematical concepts.</p>					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
College Algebra		1.0	11/12	Algebra 1, Geometry, & Algebra 2	Math
<p><b>Course Description:</b>            College Algebra builds on concepts from Algebra I, allowing students to go deeper with functions and solving equations. Students investigate non-linear functions, transformations of functions, and they work with more complex equations, inequalities, and expressions. Students will work with quadratic, exponential, piecewise, logarithmic, trigonometric functions, and polynomial functions.</p>					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Calculus		0.5	11/12	Algebra 2	Math

**Course Description:**

In this course students will learn about theory, computational techniques and applications of the derivative. After completing this course, students will be able to 1. Understand limits and continuity from the graph of a function. 2. Understand limits from the formula of a function without a graph. 3. Understand the concept and mathematical definition of a derivative. 4. Use the rules of differentiation to find derivatives explicitly and implicitly. 5. Use derivatives to solve applied problems. 6. Communicate mathematical ideas using correct and appropriate notation.  
*Possible option to receive college credit through OIT (MATH 251)*

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Trigonometry		0.5	11/12	Algebra 2	Math

**Course Description:**

In this course students will learn about triangle trigonometry, trigonometric equations and identities, circular functions and graphs, complex numbers, polar coordinates.  
*Possible option to receive college credit through WOU (MATH 112)*

## HEALTH & PHYSICAL EDUCATION

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
7th Health		NA	7	None	NA

**Course Description:**

This course emphasizes the knowledge and skills that promote sound bodies and minds, prevent disease and dysfunction, and reduce risk. Topics involve nutrition and healthy eating habits; growth and development; injury prevention and safety; mental, emotional, and social health; alcohol, tobacco, and other drugs; physical activity; community health; and factors that influence health. Students will use health skills such as accessing credible information, analyzing health data, conflict-resolution, goal-setting, advocacy and interpersonal communication to explore these topics.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
8th Health		NA	8	None	NA

**Course Description:**

This course emphasizes the knowledge and skills that promote sound bodies and minds, prevent disease and dysfunction, and reduce risk. Topics involve nutrition and healthy eating habits; growth and development; injury prevention and safety; mental, emotional, and social health; alcohol, tobacco, and other drugs; physical activity; community health; and factors that influence health. Students will use health skills such as accessing credible information, analyzing health data, conflict-resolution, goal-setting, advocacy and interpersonal communication to explore these topics.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
9th Health		0.5	9	None	Health

**Course Description:**

9th Grade health is a required course designed to help students gain health literacy. Health Literacy is the capacity of individuals to obtain, interpret, and understand basic health information and services and the competence to use such information and services in ways which enhance health. Health Education teaches students the skills to lead a healthy lifestyle.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
10th Health		0.5	10	None	Health

**Course Description:**

Topics covered within Health Education courses may vary widely, but typically include personal health, (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) family health, and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
7th Grade PE		NA	7	None	NA

**Course Description:**

Students will engage in a variety of motor skills, movement patterns, decision-making situations, and styles of games in order to understand the principles and strategies used to affect performance. Strategies will be explored using the Teaching Games for Understanding Model (Bunker and Thorpe, 1982) where students use games from 4 categories (Target Games, Striking/Fielding Games, Net/Wall Games, and Territory Games) to learn strategies for sports such as basketball, volleyball, soccer, baseball etc. Students will participate in fitness related activities as well as skill building activities in team sports, individual sports, outdoor sports, recreational activities, and dance. Students can exhibit responsible personal and social behavior that respects self and others while recognizing the value of physical activity for health, challenge, enjoyment, self-expression or social interaction.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
8th Grade PE		NA	8	None	NA

**Course Description:**

By the end of Grade 8, the learner will apply tactics and strategies to modified game play; demonstrate fundamental movement skills in a variety of contexts; design and implement a health-enhancing fitness program; participate in self-selected physical activity; cooperate with and

encourage classmates; accept individual differences and demonstrate inclusive behaviors; and engage in physical activity for enjoyment and self-expression.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
9th Grade PE		0.5	9	None	Physical Education

**Course Description:**

By the end of high school, the learner will be college/career-ready, as demonstrated by the ability to plan and implement different types of personal fitness programs; demonstrate competency in two or more lifetime activities; describe key concepts associated with successful participation in physical activity; model responsible behavior while engaged in physical activity; and engage in physical activities that meet the need for self-expression, challenge, social interaction and enjoyment.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
10th Grade PE		0.5	10	None	Physical Education

**Course Description:**

By the end of high school, the learner will be college/career-ready, as demonstrated by the ability to plan and implement different types of personal fitness programs; demonstrate competency in two or more lifetime activities; describe key concepts associated with successful participation in physical activity; model responsible behavior while engaged in physical activity; and engage in physical activities that meet the need for self-expression, challenge, social interaction and enjoyment.

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## CTE

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Intro to Construction		0.5	9-12	None	CTE
<b>Course Description:</b> Introduction to Construction exposes students to the opportunities available in construction-related trades, such as carpentry, concrete, plumbing, electrical, etc. Students will learn about the processes involved in construction projects and will engage in a variety of small projects. These courses emphasize shop safety, tool recognition, tool operation, work ethics, qualifications, creating a healthy work environment, and career paths within construction-related fields.					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Intermediate Construction		0.5	10-12	Intro to Construction	CTE
<b>Course Description:</b> Intermediate Construction provides students with basic knowledge and skills required for construction of commercial, residential, and industrial structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, etc. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance. This course will also introduce students to beginning welding, and basic automobile maintenance.					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Advanced Construction		0.5	11/12	Intro & Intermediate Construction	CTE

**Course Description:**

Advanced Construction trains students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of heating, plumbing, electrical, and other mechanical systems. Topics covered may include identifying and using hand and power tools safely; installing and repairing floor coverings, walls, and ceilings; installing and repairing doors, windows, screens, and cabinets; applying finishes to prepared surfaces; and repairing roofs, masonry, plumbing, and electrical systems. This course is designed to be a hands-on approach to building and project maintenance to expose students to the construction trades and help align them on a career pathway.

*Possible option to receive college credit through CCC (APR 101)*

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Intro to Culinary		1.0	9-12	Intro to Culinary	CTE

**Course Description:**

This course is an introduction to food preparation techniques and culinary theory. Basic concepts of kitchen organization and operation, basic terminology, use of standardized recipes, weights and measures, product evaluation, recipe conversion, food composition and work methods.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Baking		0.5	10-12	Intro to Culinary	CTE



**Course Description:**

Students learn to develop their culinary skills and food knowledge to become employable and sought after employees by local foodservice businesses. Students will demonstrate basic baking principles in bakery production. Production practices of quick breads, yeast - raised products, cakes and icings, pastries and pies, and cookies.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
International Cuisine		0.5	10-12	Intro to Culinary	CTE

**Course Description:**

The International Cuisine course is available for students who are interested in food as it translates to the culture of other countries. We will focus on the following goals: utilize safety and sanitation skills in kitchens. Learn key techniques for cooking meats, vegetables, and desserts. Analyze and implement recipes from different countries. Familiarize students with the influence of various nationalities and ethnic groups within the American diet. Recognize and understand some factors that determine the lifestyles and food preferences in one's own family. Develop and appreciate different diverse tastes with our palates.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Foot Cart Operations		1.0	10-12	Intro to Culinary	CTE

**Course Description:**

Strong emphasis is given to refining hands-on production of the classic fundamentals in the commercial kitchen. Students will learn to operate and sustain a successful Food Cart. The course will entail daily operations and cooking in an actual Food Cart.

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## FOREIGN LANGUAGE

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Spanish 1		1.0	8-12	None	Foreign Language

**Course Description:**

Spanish 1 is designed to introduce the student to the Spanish language and the culture of some Spanish-speaking nations. Proficiency in the four skill areas or listening, speaking, reading and writing are stressed. Some of the topic areas include: school, leisure time and activities, family food, home and city. Students will learn to communicate at a basic level (i.e. name, list, use simple sentences...) in these topic areas. The emphasis is placed on developing the communicative ability to speak about events in the present and past tenses in Spanish.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Spanish 2		1.0	9-12	Spanish 1	Foreign Language

**Course Description:**

Spanish 2 is a continuation of beginning skills on new topics which may include: past events, future plans, health, animals, etc. Students will expand their knowledge of vocabulary and grammatical structures in order to improve their proficiency in the four skill areas through asking and answering questions, reading and writing activities. The study of Spanish culture is also emphasized. The emphasis is placed on developing the communicative ability to speak about events in the past and future.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
German 1		1.0	9-12	None	Foreign Language

**Course Description:**

German 1 covers uses the Nicos Weg online resource to introduce students to grammar, vocabulary, conjugations, cases, and other fundamental concepts that are necessary for building a better understanding of the German language. Students learn common German terms and phrases, covering introductions, activities, family life, school subjects, sports, food and eating out. Emphasis is placed on listening, speaking and comprehension of short passages.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
German 2		1.0	10-12	German 1	Foreign Language

**Course Description:**

German 2 students continue to learn about different aspects of German-speaking cultures by studying more advanced vocabulary and grammar concepts. This class also uses the Nicos Weg online German resources to help immerse students in real-life German-speaking situations. Students complete this course with a full European A1 level of proficiency. Continuing emphasis is placed on listening comprehension and improving speaking ability in German.

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## SOCIAL SCIENCES

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
7th Grade SS		NA	7		NA

**Course Description:**  
 7th grade is a geography course designed to build a better understanding of the physical and cultural Geography of the Earth. The Physical portion involves developing an understanding of the landforms/physical features, weather systems, natural phenomena- such as storms and earthquakes and climate patterns and biomes/ ecosystems found on the planet. The cultural geography portion involves the study of the features that make a society's way of life-such as economies, nations, ethnicities, languages, lifestyle, dwellings and lifestyles of people around the world.

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
8th Grade SS		NA	8	None	Social Science

**Course Description:**  
 It has been said that those who do not learn from the mistakes of the past are doomed to repeat them. Eighth-grade Social Studies skills focus on United States History, and reveal to us our complex, shared identity. They help us understand the issues facing our nation and our world today, and give us insights into our national future. We will focus on civic, geographical, cultural, economic, financial, and social aspects of our country. This class additionally aligns closely with strategic reading, writing, and communication skills.

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
World History		1.0	10	None	Social Science

**Course Description:**

This class begins with the ideas of Archaeology with emphasis on prehistory and ends with Global Issues. Major topics that are included are ancient civilizations, Imperialism, World War I, the Holocaust, etc

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
US History		1.0	11	World History	Social Science

**Course Description:**

This class covers the founding of the 13 colonies through US issues today. Included are analysis of US involvement in both World Wars, Vietnam, the war in Iraq, etc.. A project based class students will be conducting their own research on specific ideas in broader topics such as the Civil War or the Cold War.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Economics		0.5	12		Social Science

**Course Description:**

Through relevant and hands-on exploration of both macro and microeconomics, students will learn how to successfully navigate through the financial systems that surround our lives. Practical examination of income management, savings, credit, loans, and retirement planning will enable students to begin to plan for their own financial future and avoid common economic pitfalls.

Course Title	Course #	Credit	Level	Prerequisite	Graduation
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					<b>Requirements</b>
Government		1.0	12	None	Social Science

**Course Description:**

This course provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

*This course meets the High School Civics requirement Senate Bill 513*

## SCIENCE

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
7th Science		NA	7	None	NA

**Course Description:**

Life Science provides students with the opportunity to learn about the study of living things. The life sciences comprise all fields of science that involve the scientific study of living organisms. Students will learn about cells, cell theory, genetics, human body, plants, animals, and more.

<b>Course Title</b>	<b>Course #</b>	<b>Credit</b>	<b>Level</b>	<b>Prerequisite</b>	<b>Graduation Requirements</b>
8th Science		NA	8	None	NA

**Course Description:**

Earth science is designed to interpret and understand the everyday world around you. Students will investigate and study the interactions between the four major Earth's spheres, Earth's formations, processes, history, landscapes, how and why Earth changes over time. The course will also explore how man's current actions are affecting Earth's spheres and the local and global changes. Students will look at the scientific method, mapping, rocks and minerals, plate tectonics, meteorology, etc. Students will participate in laboratory exercises, small group activities, web based investigations, class discussions, projects, and research.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Physical Science		1.0	9	None	Science

**Course Description:**

Physical Science involves the study of the structures and states of matter. Typically (but not always) topics may include forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Biology		1.0	10	Physical Science	Science

**Course Description:**

This course provides information regarding the fundamental concepts of life and life processes. Topics include (but are not restricted to) cell structure and function, general plant and animal physiology, genetics, and taxonomy.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Environmental Science		0.5	11/12	Physical Science & Biology	Science

**Course Description:**

The Environmental Science course examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Forestry		0.5	11/12	Physical Science & Biology	Science

**Course Description:**

Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Forestry course, you'll learn about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry related careers and important issues facing forestry professionals today.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Forensics		1.0	10-12	Physical Science & Biology	Science



**Course Description:**

Students will investigate key topics in forensic science, including forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, procedures from the perspective of the forensic scientist. Students may also compare and contrast fact vs. fiction in the forensic discipline (entertainment value vs. reality). Students will participate in labs, hands-on activities, video analysis, observation, and many other scientific tools needed to better understand the content matter.

Course Title	Course #	Credit	Level	Prerequisites	Graduation Requirements
Chemistry		0.5	11-12	Physical Science, Biology, & Algebra 2	Science

**Course Description:**

Chemistry focuses in areas of scientific measurement and analysis, atomic structure, chemical nomenclature, balancing equations, stoichiometry, and energy dynamics.  
*Option to receive 4 college credits through WOU (Chem 104).*

## ELECTIVES

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Automotive		1.0	12	None	Elective

This course is an introduction to the automobile and its functions. 95% of the class will be hands-on. Students will be expected to be able to learn through direct instructor instruction as well as online videos and technical manuals. Students must also be willing to adhere to all safety protocols as well as get your hands dirty on a daily basis. Coveralls and eye safety equipment are provided.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Creative Literacy		1.0	9-12	None	Elective/LA if Senior

**Course Description:**

The limit to Creative Literacy is only your imagination. You will write short stories, scripts, murder mysteries, plays, radio dramas, and even short films. This class is a combination of writing, film, evaluating, refining, and getting your creative ideas on paper and on the big screen.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Creative Writing		1.0	9-12	None	Elective/LA if Senior

**Course Description:**

Creativity is at the heart of humanity. In this class, take the chance to explore your creative side through writing short stories, poetry, children's books, and plays. Learn how to write better, entertain better, and create better than you ever imagined—and entertain your fellow classmates along the way!

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Sports, Exercise, and Health Science		1.0	9-12	None	Elective/or Science

**Course Description:**

This course provides students with an understanding of the science of physical performance. Course topics may include anatomy and physiology, biomechanics, psychology and nutrition, and the measurement and evaluation of human performance.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Fitness For Life		1.0	9-12	None	Elective/PE if Senior

**Course Description:**

Students will be able to obtain the knowledge and skills necessary to develop and maintain a health-enhancing level of fitness and to increase physical competence, self esteem and the motivation to pursue lifelong physical activity. The topics of study in physical fitness include wellness, health-related physical fitness, goal-setting, benefits of fitness, diet and nutrition, stress management, as well as learning about healthy body image, healthy relationships, and healthy consumption. Students will participate in low-impact exercises including but not limited to: walking, aerobics, conditioning, light weight training, and yoga.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Home Release		No Credit	11-12	None	NA
<b>Course Description:</b> Home release does not take priority in scheduling over academic courses. Students who request a release must be on track for graduation. Students who are current in graduation credits and/or have special circumstances may apply for release. When a student is on release they must be in an approved area or off campus.					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Historical American Conflicts		0.5	10-12	None	Elective/SS if Senior
<b>Course Description:</b> The course objective is to examine and analyze the ways in which American society has been influenced by war and conflict.					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
HS Success		1.0	9-12	None	Elective

**Course Description:**

Student Success Courses will focus on belonging, study skills, time management. Students will have an opportunity to regularly check their grades and receive assistance from the instruction on getting work completed.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Leadership		1.0	9-12	None	Elective

**Course Description:**

Students will gain a broad overview of leadership skills by taking part in various leadership activities and community events. We will explore multiple aspects of the qualities necessary to be a great leader. This class is designed to be a fun and informative way to build leadership skills while bettering our Santiam Canyon community.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Mythology		0.5	9-12	None	Elective/ LA if Senior

**Course Description:**

Stories shape the way we see the world around us—and they have done this throughout all different cultures throughout time. Mythology allows you to explore how people around the world have viewed reality and what it means to exist. Explore stories from Native American, Western European, Eastern European, and Asian culture. Learn what different people believed about how the world began, why humanity exists, what it takes to be a hero, and even what happens after death.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Psychology		0.5	10-12	None	Elective/SS if Senior
<b>Course Description:</b> This course focuses on the study of human behavior. As an introduction to the field of psychology, this course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications. Special topics include personality development, problem-solving, group dynamics, and motivation.					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Sociology		0.5	10-12	None	Elective/SS if Senior
<b>Course Description:</b> This course centers on the behavior of people in groups. Topics included are socialization, institutions, social interaction, social change, collective behavior, and competition in society. Activities include internet and library research, group activities and simulations.					

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Science Olympiad		0.5	7-12	None	Elective

**Course Description:**

Students will learn a variety of skills to prepare them for a state-wide competition in which 15 students will travel and compete against other Oregon schools in fields of science ranging from anatomy, optics, rocks and minerals, tower building and more.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Teachers Aide		0.5	11-12	None	Elective

**Course Description:**

Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Weights		0.5	10-12	9th Grade PE	Elective

**Course Description:**

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning

Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
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Structured Work Experience		Up to 4 Credits	11-12	None	Elective
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**Course Description:**

Students use work experience to improve job skills and apply classroom knowledge to on-the-job performance. Benefits include wages, school credit, and on-the-job learning. Students develop and carry out a learning plan under a signed agreement with student, employer, counselor, and parents. Students are responsible for obtaining their own jobs.

Student gets contract from counselor (counselors will create form, send to print in triple)

- Students will receive one .5 Structured Work experience class per 3.5 hours of work a week. Max number of 4 classes per semester senior year. Max number of classes per semester 2 junior year.

Number hours working a week	Number classes on Schedule
3.5	1
7	2
10.5	3
14	4

- Class will be assigned with counselor as teacher of record.
- Students will be responsible for logging work time each week. Students will go to the counseling center to pick up their folder and document their time worked and sign.
- Students fill out Google Form on SJSHS website.
- Students turn in all pay stubs accumulated during the semester for credit to be awarded. Students will receive .5 credit for (each) 65 hours.

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Course Title	Course #	Credit	Level	Prerequisite	Graduation Requirements
Structured Work Experience		Up to 4 Credits	11-12	None	Elective



Course Description:

- Transcribing senior year only, but can submit pay stubs from their 9-12 years.
  - Students fill out a Google Form on SJSHS website.
  - Submit pay stub to counselor and receive .5 credit for 65 hours
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