

Sunset Ridge Middle School

Ninth Grade Course Descriptions

2015-16

Credit Legend

A	=	Art
CTE	=	Career and Technical Education
E	=	Elective
HL	=	Healthy Lifestyles
CT	=	Computer Technology
LA	=	Language Arts
M	=	Math
BS	=	Biological Science
ES	=	Earth Science
SS	=	Social Science
NC	=	No Credit

\$ - School Fees, rentals, and/or supplies may be required.

Required Classes

❖ 9th Grade Core

	Course #	Credit type	Grade	Credit
Language Arts 9	4542	(LA)	9	1.0
This course is designed to emphasize reading comprehension, writing, and methods of inquiry as found in the core. The course will focus on the processes, skills, and strategies for effective communication in all its forms.				
Geography for Life	6021	(SS)	9	1.0
This course introduces students to cultural and physical geography. The framework of this course is the five themes of geography – location; place; human interaction with the physical environment; the impact of movements of people, ideas, and things; and similarities and differences within and between regions. In addition, the course emphasizes critical, causal, interpretive and reflective thinking skills through observing, reading, writing, listening, speaking, and problem solving.				

❖ Honors/Advanced Placement

Language Arts 9 H	4543	(LA)	9	1.0
<i>Prerequisite: Instructor approval</i>				
This course is designed for students who have been identified as requiring more advanced instruction in reading comprehension, writing, and methods of inquiry as found in the core. This course will focus on the processes, skills, and strategies for effective communication in all its forms.				
Geography for Life H	6022	(SS)	9	1.0
<i>Prerequisite: Instructor approval</i>				
This course introduces students to cultural and physical geography. The framework of this course is the five themes of geography - location, place, human interaction with the physical environment, the impact of movements of people, ideas and things, and similarities and differences within and between regions. In addition, the course emphasizes critical, casual, interpretive and reflective thinking skills through observing, reading, writing, listening, speaking, and problem solving. This course emphasizes in-depth reading, writing and independent study.				

AP Human Geography	6126	(SS)	9	1.0
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Prerequisite: Instructor approval

This college level course covers the nature and perspectives of geography, population, cultural patterns and processes, political organization of space, agricultural and rural land use, industrialization and economic development, and cities and urban land use. University credit can be earned with a successful performance on the Advanced Placement (AP) exam.

❖ **Science**

Earth Systems (Foundation/Core)	3101	(ES)	9	1.0
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Earth Systems integrated science core focuses on earth, physical, space, and life science contents. Using observable evidence, students will study interactions among earth systems.

Biology (Foundation/Core)	3111	(BS)	9	1.0
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The Biology Core includes three major concepts for instruction. (1) The structures in all living things occur as a result of necessary functions. (2) Interactions in organisms in an environment are determined by the biotic and abiotic components of the environment. (3) Evolution of species occurs over time and is related to the environment in which the species live.

❖ **Physical Education**

Participation Skills and Techniques	7030	(PST)	9	.5
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This course is designed to develop skills and techniques in a variety of team and individual sports as well as improvement in personal fitness. This class is required for graduation.

❖ **Math – Placement is determined by current Math teacher recommendation**

Secondary Mathematics 1	5300	(M)	8, 9	1.0
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Students in Secondary Mathematics 1 will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problems situations.

Secondary Mathematics 1 Honors	5301	(M)	8, 9	1.0
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Students in Secondary Mathematics 1 Honors will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes sense of problem situations. Honors students will represent quantities, model, and perform operations using vectors and use matrices to perform operations and solve problems.

Secondary Mathematics 2 Honors	5311	(M)	9, 10	1.0
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Students in Secondary Mathematics 2 will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations. Honors students will also represent complex numbers and their operations on the complex plane, solve systems of equations, prove and apply trigonometric identities, express conic sections algebraically, and solve problems using volume measurements.

Elective Classes – Full Year

1.0 Credit

❖ Music

Orchestra 1	1302	(A)	7-9	1.0
This class is for students who would like to learn to play a violin, viola, cello, or string bass. No experience necessary. Practice outside of class time and instrument required. If available, violas, cellos, and basses may be rented from the school at a nominal fee. \$				
Orchestra 2	1303	(A)	7-9	1.0
<i>Prerequisite: Instructor approval</i> This is an intermediate-level orchestra class focusing on intermediate-level literature for orchestra. Rehearsals and performances outside of class time are part of the course requirement and will constitute a portion of the grade. Practice outside of class time with instrument is required. \$				
Falcon Symphony/Orchestra 3	1304	(A)	7-9	1.0
<i>Prerequisite: Instructor approval (Audition and/or interview possible)</i> This is an orchestra class focusing on advanced-level literature for orchestra. Rehearsals and performances outside of class time are part of the course requirement and will constitute a portion of the grade. Practice outside of class time with instrument is required. \$				
Band 1 Woodwinds	1306	(A)	7-9	1.0
This is a beginning band class offered for students who wish to learn the saxophone, flute, or clarinet. Practice outside of class time with instrument is required. \$				
Band 1 Brass	1307	(A)	7-9	1.0
This is a beginning band class offered for students who wish to learn the cornet, trumpet, euphonium, horn, trombone, or tuba. Practice outside of class time with instrument is required. \$				
Band 1 Percussion	1308	(A)	7-9	1.0
This is a beginning band class offered for students who wish to learn the drums, mallet keyboard instruments, and other percussion-related instruments. Practice outside of class time is required. \$				
Concert Band	1346	(A)	7-9	1.0
<i>Prerequisite: Audition/Interview</i> This is an intermediate level band course that encourages increased technical and expressive musical proficiency through performance and study of music. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade. Practice outside of class time with instrument is required. \$				
Choir 1 Soprano/Alto (Colla Voce)	1333	(A)	7-9	1.0
<i>Prerequisite: Audition/Instructor approval</i> This is a vocal music course open to all students with soprano or alto vocal ranges. Two, three or four-part music is performed at various concerts. Primary consideration is given to part-singing, good vocal production, and rudiments of music. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade.				
Concert Choir (Rhapsody)	1335	(A)	8, 9	1.0
<i>Prerequisite: Audition/Instructor approval</i> An advanced vocal music group designed for advanced choral literature and techniques of singing. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade.				

❖ Dance

Advanced Dance	7148	(A)	9	1.0
<i>Prerequisite: Instructor approval</i> A course designed to enhance and develop all aspects of dance technique and composition, emphasizing creativity and artistic choreographic skills. \$				

❖ World Languages

French 1	4100	(E)	8, 9	1.0
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This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The course content includes vocabulary for classroom and school subjects, foods, clothing, telling time, reading the calendar, weather, seasons, modes of transportation, and common locations. Students will develop an appreciation for the culture of the countries where the language is spoken.

French 2 4101 (E) 9 1.0

Prerequisite: French 1

This course is designed to teach intermediate skills in listening, speaking, reading, and writing. The course content includes further development of vocabulary of dining, traveling, shopping, and personal feelings. Students will develop an appreciation for the culture of the countries where the language is spoken.

Spanish 1 4180 (E) 8, 9 1.0

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The course content includes vocabulary for classroom and school subjects, foods, clothing, telling time, reading the calendar, weather, seasons, modes of transportation, and common locations. Students will develop an appreciation for the culture of the countries where the language is spoken.

Spanish 2 4181 (E) 9 1.0

Prerequisite: Spanish 1

This course is designed to teach intermediate skills in listening, speaking, reading, and writing. The course content includes further development of vocabulary of dining, traveling, shopping, and personal feelings. Students will develop an appreciation for the culture of the countries where the language is spoken.

❖ Science

Earth Systems (Foundation/Core) 3101 (ES) 9 1.0

Earth Systems integrated science core focuses on earth, physical, space, and life science contents. Using observable evidence, students will study interactions among earth systems.

Biology (Foundation/Core) 3111 (BS) 9 1.0

The Biology Core includes three major concepts for instruction. (1) The structures in all living things occur as a result of necessary functions. (2) Interactions in organisms in an environment are determined by the biotic and abiotic components of the environment. (3) Evolution of species occurs over time and is related to the environment in which the species live.

Elective Classes – Semester

.5 Credit

❖ Language Arts

Journalism	4640	(E)	7-9	.5/1.0
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This course, based on Utah English Language Arts (ELA) Core Standards, is designed to introduce students to newspaper writing and reading, with interviewing, writing, and editing emphasized. Students will produce a class newspaper.

Creative Writing	4655	(E)	8, 9	.5
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This course, based on Utah English Language Arts (ELA) Core Writing Standards, is designed to introduce students to imaginative composition with the writing of personal experiences, character sketches, short fiction, and poetry. Students will have the opportunity to prepare manuscripts for publication, awards, and scholarships.

❖ P.E.

Team Sports	7110	(IFA)	8, 9	.5
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This course is designed to teach sports which require group participation and cooperation. (This class cannot be substituted for Participation Skills and Techniques).

❖ Visual Arts

Art Foundations 1	1026	(A)	7-9	.5
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Art Foundations 1 provides an overview of visual arts while studying a broad variety of art tools and materials. With an emphasis on studio production, this course is designed to develop higher-level thinking, art related technology skills, art criticism, art history, and aesthetics. \$

Art Foundations 2	1027	(A)	7-9	.5
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Prerequisite: Art Foundations 1 or Instructor approval

Art Foundations 2 provides an overview and introduction to visual arts through studying a variety of art tools and materials. This course builds on Foundations 1 with a more in-depth experience with fewer art forms. This course is designed to develop higher-level thinking, art-related technology skills, art criticism, art history, and aesthetics, with an emphasis on studio production. \$

Ceramics 1	1029	(A)	8, 9	.5
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Ceramics develops basic skills in the creation of 3-D forms and pottery from clay. Techniques in hand building, wheel throwing, basic glazing, and firing are taught. With an emphasis on studio production, this course is designed to develop higher-level thinking and art-related technology skills. Some art criticism, art history, and aesthetics may be included. \$

Ceramics 2	1030	(A)	9	.5
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Prerequisite: Ceramics 1

This is an intermediate course that builds upon the concepts and skills learned in Ceramics 1. Students will then consistently produce quality pieces of ceramics. \$

Sculpture 1	1033	(A)	8, 9	.5
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Sculpture is an overview of basic skills used to create 3-D works of art. Both additive and subtractive techniques will be taught. With an emphasis on studio production, this course is designed to develop higher-level thinking skills and art-related technology skills. Some art criticism, art history, and aesthetics may be included. \$

Drawing 1	1044	(A)	8, 9	.5
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Drawing focuses on black and white or monochromatic rendering from life, pictures, masterworks, and imagination. This course is designed to develop higher-level thinking and art-related technology skills with an emphasis on studio production. Some experiences in art criticism, art history, and aesthetics may be included. \$

Drawing 2	1045	(A)	9	.5
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Prerequisite: Drawing 1

This is an intermediate course in drawing that builds on the skills and concepts taught in Drawing 1. The use of value is emphasized. Atmospheric perspective and accurate shading are studied along with composition. \$

Painting 1	1046	(A)	8, 9	.5
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Painting 1 includes wet and dry color media with processes such as transparent and opaque painting focusing on the properties of color. Techniques with color media mixing and application will be covered. With an emphasis on studio production, this course is designed to develop higher-level thinking skills and art-related technology skills. Some art criticism, art history, and aesthetics may be included. \$

❖ **Music**

Guitar 1	1330	(A)	8, 9	.5
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This course provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play a guitar. Emphasis will be placed on: playing position, tone production, fundamental technique, simultaneous playing and singing, reading music, and composing songs/lyrics. Knowledge and skills will include experiences in singing, playing, listening, and connecting to cultures. Practice outside of class time with instrument is required. *Must provide own acoustic guitar.*

Guitar 2	1331	(A)	9	.5
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Prerequisite: Guitar 1 or equivalent
This is a course designed to provide students with more advanced strums, bar chords, and melodic picking. Practice outside of class time with instrument is required. *Must provide own acoustic guitar.*

❖ **Theatre**

Beginning Theatre	1600	(A)	7-9	.5
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This is an introductory course in theatre with an emphasis on performance. No previous experience is necessary. The course will include pantomime, improvisation, mono acts, characterization, and scenes from plays, play reading, and work with voice projection and diction.

Intermediate Theatre	1601	(A)	8, 9	.5
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Prerequisite: Beginning Theatre or Instructor approval
This is an intermediate course in theatre with an emphasis on performance. The course will include dramatic and humorous readings, mono acts, and scenes from plays, pantomime, and an overview of the history of theatre, puppetry, radio, T.V., and film.

❖ **Dance**

Dance 1	7146	(A)	7, 8, 9	.5
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This course offers basic dance techniques, fitness fundamentals, movement qualities, and rhythm with an emphasis on creativity, sequencing, and problem solving. \$

Dance 2	7147	(A)	8, 9	.5
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Prerequisite: Dance 1 or Instructor approval
A course designed to develop dance techniques, flexibility, and coordination, with an emphasis on creativity and artistic composition. \$

Social/Ballroom Dance 1	7144	(A)	9	.5
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This course offers instruction and practice in the basic social dance steps, rhythms, and techniques. The following dances may be included; foxtrot, cha-cha, waltz, swing, mambo, western swing, and western line dance. \$

❖ **Career and Technical Education**

Intro to Engineering	8005	(CTE)	9	.5
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This course shows students how technology is used in engineering to solve everyday problems. The units excite and motivate students to use their imaginations and teach them to be creative and innovative, while gaining the skills they need to develop, produce and use products and services. Gateway to Technology-PLTW is an approved

curriculum for this course. Units may include: Design and Modeling, The Magic of Electrons, The Science of Technology, Automation and Robotics, as well as Flight and Space.

Exploring Computer Science 9180 (CTE) 9 .5

This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of the course is to develop in students the computational thinking practices of algorithm development, problem solving, and programming with the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers as well as societal and ethical issues.

Sports Sewing 1 8728 (CTE) 9 .5

This course covers basic sewing skills while completing a variety of projects. This course emphasizes the construction of sports and outdoor clothing. Students start with easy projects like sewing boxer shorts and progress to ski wear, sweats, zippered bags, camo shirts, pants, and polar fleece jackets. Subjects such as: clothing care, maintenance and textile information is covered. Projects are individually selected. \$

Teen Living 8030 (CTE) 9 .5

This course is designed to help students understand and cope with personal, family, and social challenges. Emphasis is placed on communication, decision-making skills, and building stable relationships with family and peers. The course enables students to implement positive coping mechanisms and promotes an understanding of self. Critical issues which impact teenagers including, self-concept, family and peer relationships, abuse, loss, dating, and teenage pregnancy are discussed stressing positive alternatives. Emphasis is placed on students taking personal responsibility for their lives. \$

Foods and Nutrition 1 8750 (CTE) 9 .5

This introductory course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy life-style. Attention will be given to selection and preparation of food and personal health and well-being. \$

Foods and Nutrition 2 8751 (CTE) 9 .5

Prerequisite: Foods and Nutrition 1

This course is designed for students who are interested in understanding the principles of nutrition and food preparation. Attention will be given to the selection and preparation of food and personal health. Food preparation techniques will be integrated throughout the course and related to all sections of study. Emphasis will be placed on preparing foods to create meals for families. Use of regional, ethnic, and foreign foods is strongly encouraged to increase cultural awareness and appreciation of diversity. \$

Child Development 8700 (CTE) 9 .5

This course covers the development of a child from conception through adolescence. The course includes the following topics: reproductive tracts, pre-natal development and care, healthy lifestyles conducive to healthy pregnancies, birth defects, and the development and care of children throughout childhood. Guidance and discipline techniques and the physical, social, and emotional development of children will also be examined. The student learns both how and why a child grows and develops. This class is a prerequisite for any of the higher-level child development courses. \$

❖ Computer Technology

Computer Technology 1 8311 (CT) 9 .5

This is an introduction to computer application software that encompasses document processing, spreadsheets, and presentations. An understanding of ethics and use of operating systems, information resources, and electronic mail is included. Skills gained will be demonstrated by creating a project for a different content area. *This course is required to fill the Computer Technology credit.*

❖ **Misc. Electives**

Aide Teacher	0001-0150	(E)	8, 9	.5
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This is a full year or semester course that offers students a unique experience working with teachers. This position provides an opportunity to observe and model an adult at work. It provides a wide range of learning opportunities in areas such as life skills, human development, and career exploration. Teacher aides experience the opportunity to practice reliable citizenship and social skills as they interact with peers, school staff and the general public.

Study Skills	0206	(E)	8, 9	.5
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This course is a course in which students learn and apply social and academic skills and strategies. This class may cover the following areas: Organization, time management, stress management, reading strategies, test taking strategies, study strategies, note taking, academic tracking, team work, communication and goal setting, learning and interest assessments.

Release Time	0600	(NC)	9	.5
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1/29/2015