

# Fort Herriman Middle School

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### Social Studies

World Geography  
AP Human Geography

### \*Other

Student Aide  
Seminary (Release Time)  
Teacher Advisory (TA) 9th Grade  
Yearbook Publication (specialized TA)

# Fort Herriman Middle School

## Freshman Course Descriptions

### Visual Arts

#### Art Foundations 1

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.

#### Ceramics 1

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

*Prerequisite: Ceramics 1*

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

#### Drawing 1

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

*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

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.

#### Theatre Production

This course teaches scenery construction, scenery painting, and all other aspects of production for school musicals and plays.

## Career and Technical Education

### Engineering Technology

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 Business and Marketing

Students will be exposed to the fundamental concepts of business and marketing. Skills include basic business concepts, organizational communication, human resources management, entrepreneurship, accounting, finance, and leadership.

### Child Development

This course covers the development of a child from conception through adolescence. The course includes the following topics: reproductive tracts, prenatal 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.

### Sewing Construction & Textiles 1

This course teaches basic construction and consumer skills. Choosing and using patterns, fabrics, and notions; using and caring for today's sewing machines and sergers; and basic clothing construction methods are included. Students may choose from a variety of projects based on individual skill level and preference.

### Foods and Nutrition 1

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

### Exploring Computer Science

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 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. *This course may be used as CTE or Digital Studies credit.*

### Python 1

A quality computer science curriculum not only engages students in interesting, collaborative learning activities using sound pedagogical strategies, but it also ensures that students are learning concepts vital to the deep and broad field for computer science. Python 1 has been designed to achieve this goal by aligning with the CSTA K-12 Computer Science Standards. This course is primarily an introductory programming course using Python 1. Units are grounded in an array of standards from the strands of computational thinking, collaboration, computing practice and programming, computer and communications devices, and community, global, and ethical impacts.

### Computer Science Principles

Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the network, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

## Foreign Language

### French 1

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in culturally-appropriate ways in the target language. By the end of this course, student skill level should be at novice-mid level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken

### French 2

*Prerequisite: French 1*

This course is designed to teach intermediate skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in culturally-appropriate ways in the target language. By the End of this course, student skill level should be at novice-high level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken.

### German 1

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in

culturally-appropriate ways in the target language. By the end of this course, student skill level should be at novice-mid level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken

## German 2

*Prerequisite: German 1*

This course is designed to teach intermediate skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in culturally-appropriate ways in the target language. By the End of this course, student skill level should be at novice-high level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken.

## Spanish 1

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in culturally-appropriate ways in the target language. By the end of this course, student skill level should be at novice-mid level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken.

## Spanish 2

*Prerequisite: Spanish 1*

This course is designed to teach intermediate skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in culturally-appropriate ways in the target language. By the End of this course, student skill level should be at novice-high level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken.

## Spanish DLI 5H

*Prerequisite: Spanish 4H in the DLI program*

The 5H DLI course prepares students in 9th grade to take the Advanced Placement exam. The course is structured around a balanced approach to the three modes of communication—presentational, interpretive and interpersonal. Cultural comparison, stimulating readings, persuasive essay practice and class discussions are used to teach structure and vocabulary. For Dual Immersion students only.

## Spanish DLI Culture and Media

This course is specifically designed for students who have completed an elementary school Dual Language Immersion program. It is designed to build skills in cultural-linguistic competencies necessary for successful communication with native speakers. Students utilize media and authentic texts to learn about the diverse cultural products, practices and

perspectives of countries. This course begins preparation for the Advanced Placement Spanish exam. Can be taken as a year-long or semester class.

## Healthy Lifestyles

### Advanced Participation Skills and Techniques

*Prerequisite: Coach approval*

This course is for students who compete on athletic teams. This class can count toward Participation Skills and Techniques credit or elective Healthy Lifestyles credit.

### Participation Skills and Techniques (PST)

This course focuses on demonstrating the ability to plan and implement different types of personal fitness programs, demonstrate competency in lifetime activities, describe key concepts associated with successful participation in physical activity, model responsible behavior while engaged in physical activity, and fill a need for self-expression, challenge, social interaction and enjoyment. This class is required for graduation.

### Mindfulness Yoga

This class focuses on structural alignment, increase of strength and flexibility. It will deepen a student's awareness of breath and the role it has in generating energy and stamina in one's mind and body. The course will also incorporate techniques for stress relief, and enhance one's physical performance by teaching students how to connect breath, organ systems, physiology and anatomy all together.

## Language Arts

### Language Arts 9

This course, based on the 9<sup>th</sup> Grade Utah English Language Arts (ELA) Core Standards, is designed for grade level instruction in reading comprehension, writing, methods of inquiry, and the processes, skills, and strategies for effective communication.

### Creative Writing

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.

## Math

### Secondary Mathematics 1

*Prerequisite: 8<sup>th</sup> Grade Mathematics*

Students in Secondary Mathematics 1 will deepen and extend their understanding of linear relationships, in part by contrasting them with exponential phenomena, 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 their 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 H

*Prerequisite: 8<sup>th</sup> Grade Mathematics*

Students in Secondary Mathematics 1 Honors will deepen and extend their understanding of linear relationships, in part by contrasting them with exponential phenomena, 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 their 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 H

*Prerequisite: Secondary Mathematics 1 Honors*

Students in Secondary Mathematics 2 Honors 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.

## Performing Arts

### Beginning Orchestra 1

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 performances are part of this course. Instruments are required. If available, a viola, a cello, or a string bass may be rented from the school for a nominal fee.

### Orchestra 2

*Prerequisite: Instructor approval*

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 requirements and will constitute a portion of the grade. Practice outside of class time with instrument is required. If available, a viola, a cello, or a string bass may be rented from the school for a nominal fee.

### Orchestra 3

*Prerequisite: Instructor approval (Audition and/or interview possible)*

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

#### Band 1 - Woodwinds

This is a beginning band class offered for students who wish to learn to play the flute, oboe, clarinet or saxophone. Practice outside of class time and performances are part of this course. An instrument is required. If available, an oboe or tenor saxophone may be rented at the school for a nominal fee.

#### Band 1 - Brass

This is a beginning band class offered for students who wish to learn to play the cornet, trumpet, French horn, baritone horn, euphonium, trombone, or tuba. Practice outside of class time and performances are part of this course. An instrument is required. If available, a French horn, baritone horn, euphonium, or tuba may be rented at the school for a nominal fee.

#### Band 1 - Percussion

This is a beginning band class offered for students who wish to learn to play the drums, mallet keyboard instruments, and other percussion-related instruments. Practice outside of class time and performances are part of this course. Drum sticks are required. A drum kit or mallets may also be required as per teacher request. Must have experience in percussion or piano.

### Guitar 1

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. An instrument is required for class time, as well as for practicing outside of class.

### Guitar 2

*Prerequisite: Guitar 1 or equivalent*

This course is designed to provide guitar students with more advanced strums, bar chords, and melodic playing. Instrument required.

### Mixed Choir

This is a vocal music course that is open to all students. It covers three and four-part music and a review of singing fundamentals. Approval of the instructor may be required. Rehearsals and



performances outside of class time are part of the course requirements and constitute a portion of the grade.

### Concert Choir - Mixed

*Prerequisite: Audition/Instructor approval*

This is an advanced vocal music group that is designed for students to sing advanced choral literature and build more techniques in singing. Rehearsals and performances outside of class time are part of the course requirements and constitute a portion of the grade.

### Ladies Choir

*Prerequisite: Audition/Instructor approval*

This course is designed to help students with **treble voices** gain more experience and understanding of choral music, as well as to increase their techniques of singing by learning and performing more challenging choral literature. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade.

### Band 2 - Concert

*Prerequisite: Audition/Interview*

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 an instrument is required. If available, an oboe, bass clarinet, bassoon, tenor saxophone, baritone saxophone, French horn, baritone horn, euphonium, or tuba may be rented at the school for a nominal fee.

### Band 3 - Symphonic

*Prerequisite: Audition/Interview*

This is an advanced course which performs varied, advanced-level music. Attendance is required at all rehearsals and performances. Rehearsals and performances outside of class are part of the course requirement and constitute a portion of the grade. Practice outside of class time with an instrument is required. If available, an oboe, bass clarinet, bassoon, tenor saxophone, baritone saxophone, French horn, baritone horn, euphonium, or tuba may be rented at the school for a nominal fee.

### Band 3 - Jazz

*Prerequisite: Audition*

Offered during a TA period, this is a course open to students whose interests are in performing jazz, rock, and related musical literature. Students must also have a band class in their school schedule. The group is designed to provide fundamental knowledge of this music through performance. 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 an instrument is required. If available, a tenor saxophone, baritone saxophone, or electric bass guitar may be rented at the school for a nominal fee.

### Beginning Theatre

This is an introductory course in theatre with an emphasis on performance and playwriting. No previous experience is necessary. The course will include, but not be limited to, improvisation, monologues, characterization, movement, playwriting, and work with voice projection and diction. Other skills learned and developed include critical thinking, rehearsal skills, plot structure, reading, writing, and cooperative group work.

### Intermediate Theatre

*Prerequisite: Beginning Theatre or Instructor approval*

This is an intermediate course in theatre with an emphasis on performance and playwriting. The course will include, but not be limited to, playwriting, characterization, monologues, scenes from plays, movement, voice projection and diction, and improvisation. Other skills learned and developed include critical thinking, rehearsal skills, plot structure, reading writing, and cooperative group work.

### Dance 1

This course offers basic dance techniques, fitness fundamentals, movement qualities, and rhythm with an emphasis on creativity, sequencing, and problem solving.

### Dance 2

*Prerequisite: Dance 1 or Instructor approval*

A course designed to develop dance techniques, flexibility, and coordination, with an emphasis on creativity and artistic composition. There will be performances outside of class time that are part of the course requirements, and they will constitute a portion of the grade.

### Dance Company

*Prerequisite: Audition/Interview*

This course emphasizes the development of a performing group. Members develop skills in all forms of dance and choreography. Students perform for the school and community. Performances, as well as rehearsals outside of the regular school day are required and constitute a portion of the course grade.

### Pre-Dance Company

*Prerequisite: Audition/Interview*

This course emphasizes the development of a performing group. Members develop skills in all forms of dance and choreography. Students perform for the school and community. Performances, as well as rehearsals outside of the regular school day are required and constitute a portion of the course grade.

## Science

### Biology (Foundation/Core)

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 of 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.

### Earth Science (Foundation/Core)

The theme for Earth Science is systems as an organizing concept to understand life on Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. Earth's place in the universe, internal structure, atmospheric processes, and resources are explored to help students understand how Earth Science interacts with society.

## Social Studies

### World Geography

Geography is the study of physical and human characteristics of the Earth's people, places, and environments. Students will develop geographic thinking skills by studying the "why of where" as they examine the interactions, interconnections, and implications of forces shaping our world today. They will apply geographic knowledge and geo-literacy skills to identify, locate, interpret, analyze, and evaluate geographic patterns and processes. These standards emphasize both human geography and physical geography, and students will explore the interconnections between the two.

### AP Human Geography

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.

## \*Other

### Student Aide

*Prerequisite: At least a 3.0 GPA, No N or U citizenship, and Instructor approval*

This is a semester course that offers students a unique experience working with teachers or in an office. This position provides an opportunity to observe and model adults at work. It provides a wide range of learning opportunities in areas such as life skills, human development, and career exploration. Students have the opportunity to practice reliable citizenship and social skills as they interact with peers, school staff, and the general public.

### Seminary (Release Time)

Release Time is for students to attend an educational entity other than a Jordan School District school or program. If approved, students will be released from school for the number of periods requested. Seminary is time approved in a student's schedule to attend religious studies off school campus. Can be taken either for 1 year or for 1 semester. Seminary is an educational entity other than a Jordan School District school or program, and the student will be released from school for the period. High school graduation credits are not awarded.

### Teacher Advisory (TA) 9th Grade

This course provides an opportunity for students to establish a positive relationship with an adult role model in the school, to engage in silent sustained reading, to participate in character education and to focus on study skills and monitor progress toward academic and career goals. Teachers provide students with academic support in a mentorship environment. Participation in this class will help to enhance the core curriculum and to create a more positive environment in the school. Students have the opportunity to earn .25 credits per semester based on participation in all Teacher Advisory activities.

### Yearbook Publication

Students will be able to produce a yearbook after they have mastered terms and procedures involved with planning and producing such a publication. This is a yearlong specialized TA.