

**Required Classes****Mathematics****8th Grade Mathematics (51330)**

Full Year/1.0 Mathematics Credit

In 8th Grade Mathematics students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

**8th Grade Mathematics Honors (51350)**

Full Year/1.0 Mathematics Credit

In 8th Grade Mathematics Honors students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, congruence, understanding and applying the Pythagorean Theorem. The honors course includes extra depth and additional topics.

**Languages Arts****English 8 (40800)**

Full Year/1.0 Language Arts Credit

This is a well-rounded course focusing on the basic communication skills: reading, writing, speaking, listening and especially thinking. Students will enhance and practice these skills by studying units in literature, vocabulary, grammar, and writing.

**Science****Integrated Science 8 (32400)**

Full Year/1.0 Science Credit

This is a foundation course which emphasizes the broad perspective of science rather than the specific, theoretical details. The topics covered in this class will include: chemical and physical change, food webs, photosynthesis and respiration, force, motion, energy and weather.

**Social Studies****U.S. History (61220)**

Full Year/ 1.0 Social Studies Credit

The students will be introduced to a study of U.S. History from colonization up to and including the present. The course will focus on the "Epic of America," the history and economic development of the country. The course will

include a unit of study on the process and Constitution. The student's responsibility to the law will be emphasized.

**Physical Education****Intermediate Fitness (77502 - Boys) or (77552 - Girls)**

Semester/.5 Physical Education Credit

This course continues to develop participation skills and techniques in a variety of team and individual games and dance activities with emphasis on leadership, courtesy, respect, and fairness. The course also provides aerobic instruction and activity to improve and maintain physical fitness.

**Health****Health 8 (71012)**

Semester/.5 Health Credit

Encourages students to take positive actions to improve their own health. Students learn that good health habits can prevent illness as well as improve school performance and overall fitness. The curriculum covers several important topics, including mental health, nutrition, drugs, disease, environment, growth and development, consumer health and first aid.

**Elective Classes****Fine Arts****Band I (Woodwind) (16710)**

Full Year

\$20 Fee Required

Prerequisite: None

Beginning Band – For students with no prior experience playing woodwind instruments. Only a desire to learn required! Fundamentals of wind instrument playing and music literacy are the main curriculum. Students who play larger instruments may rent from the school for \$100.00

**Band II (Woodwind/Brass) (16430)**

Full Year

\$20 Fee Required

Prerequisite: Band I (or its equivalent) and Teacher Approval

Concert Band - Intended for students in their 2<sup>nd</sup> year of playing woodwind and brass instruments. Opportunities for performance include music festivals (music performance assessments) in the spring. Students who play larger instruments may rent from the school for \$100.00.

**Jazz Band (18450)**

Full Year/1.0 Credits

\$20 Fee Required

Students explore the fascinating musical language of Jazz in a "Big Band" setting. Concurrent enrollment in a Band (winds), Percussion, or Orchestra (basses) class required. Performance opportunities vary from school functions to music festivals (music performance assessments). Jazz Band meets during zero hour three times a week.

**Percussion I (16340)**

Full Year/1.0 Credit

\$20 Fee Required

Prerequisite: 2 years piano instruction;

**Audition Required**

Beginning percussion instruction for those in their first year of percussion. Skills will be developed on Snare Drum, Timpani, Auxiliary Percussion, and Keyboard Percussion (Xylophone, etc.). Students will use a practice marimba and practice pad or a standard beginning percussion kit (may be rented from a local music store).

**Percussion II**

Full Year /1.0 Credit

\$20 Fee Required

Prerequisite: Percussion I

Intended for students in their 2<sup>nd</sup> and 3<sup>rd</sup> year of playing percussion. Opportunities for performance include music festivals (music performance assessments) in the spring.

**Orchestra I - Beginning (17700)**

\$20 Fee Required

Full Year/1.0 Credit

This course is for students who want to play the violin, viola, cello and string bass. No previous experience is required, only a desire to learn how to play a string instrument. Viola, cello and bass instruments may be rented from the school for a \$100.00/year fee. Violins must be rented or purchased from a local music store.

**Orchestra II (17720)**

Full Year/1.0 Fine Arts Credit

\$20 Fee Required

Prerequisite: 7<sup>th</sup> Grade Orchestra

This course will expand musicianship skills on the violin, viola, cello and string bass through the third year of development. Viola, cello and bass instruments may be rented from the school for \$100.00/year fee. Violins must be rented or purchased from a local music store.

**Mens Chorus II (18760)**

Full Year/1.0 Fine Arts Credit

\$20 Fee Required Grades 8<sup>th</sup> or 9<sup>th</sup>

This class is open to any 8<sup>th</sup> and 9<sup>th</sup> grade young man that loves to sing. No audition is required. We will learn choral habits and sight-reading skill. We will also learn more about music throughout history. Students will perform at 3 concerts. This is a full year performing class.

**Womens Chorus II (18770)**

Full Year/1.0 Fine Arts Credit

\$20 Fee Required Grades 8<sup>th</sup> or 9<sup>th</sup>

This class is open to any 8<sup>th</sup> or 9<sup>th</sup> grade young lady that loves to sing. No audition is required. We will learn choral habits and sight-reading skills. We will also learn more about music throughout history. Students will perform at 3 concerts. This is a full year performing class.

**Guitar (18902)**

Half Year/ .5 Fine Arts Credit

\$10 Fee Required Grades 8<sup>th</sup> or 9<sup>th</sup>

This class is designed for the beginning guitar student. Students will learn and apply music fundamentals to the guitar. Included in those fundamentals is proper technique, chord playing, reading music in both notation and tablature, rhythmic skills, style and interpretation, ensemble playing, performance skills and etiquette.

**Guitar II (18912)**

Half Year/ .5 Fine Arts Credit

\$10 Fee Required Grades 8<sup>th</sup> or 9<sup>th</sup>

Guitar II is for students who have taken Guitar I, or who have substantial previous experience on the guitar, such as private lessons. Emphasis will be on learning more keys to play in, as well as the more advanced aspects of playing both chords and music notation.

**Social Dance (72402)**

Semester/.5

Grades 8<sup>th</sup> or 9<sup>th</sup> Elective P.E.

This coed class introduces students to a variety of basic dances from different places and time periods including waltz, cha cha, salsa, and country swing. Students will develop skill in social dance techniques, rhythms, steps, styles, and qualities of moving and partnering.

**Dance I (72102)**

Semester/ .5 Elective P.E

For 7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> Grade

This class is a one semester class for the beginning dancers with no previous dance experience required. Students will learn basic dance skills in flexibility, technique and all genres of Jazz dance. Styles taught will include Hip-Hop, Contemporary, Jazz and others. Students will have an opportunity to perform at school assemblies and end-of-semester program. Grading is based on participation. A class shirt will be purchased for the performances.

**Dance II (72152)**

Semester .5 Elective P.E.

Grades 7<sup>th</sup>, 8<sup>th</sup> or 9<sup>th</sup>

This class is a one semester class and is for students who have completed Dance I or who have auditioned for the class. Skills will be advancement from the Dance I class. Students will learn intermediate-advance dance skills in flexibility, technique and all genres of Jazz dance. Styles taught will include Hip-Hop, Contemporary, Jazz and others. Students will have an opportunity to perform at school assemblies and end-of-semester program. Grading is based on participation. A class shirt will be purchased for the performances.

**3-D Design (10852)**

Semester/ .5 Fine arts Credit

\$10.00 Fee Required Grades 8<sup>th</sup> or 9<sup>th</sup>

This course is for art students with a desire to emphasis their art studies in 3-dimensional work. Creativity and art medium exploration will guide this course. Modern art forms, sculpture using a variety of mediums, and clay will be some of the projects explored in this class. Drawing skills will be improved as well. Students will have experiences with art criticism, art history, and aesthetic awareness as well. This does fill a high school fine arts credit if in 9<sup>th</sup> grade.

## **Art Foundations II (11902)**

Semester/.5 Fine Arts Credit

\$10 Fee Required Grades 8<sup>th</sup> or 9<sup>th</sup>

This is for art students with strong drawing skills gained in Art Foundations I and a passion for art. This course is an in-depth exploration of the visual arts. A variety of mediums, techniques, tools, and art styles will be explored. Students will focus on art production using the elements and principles of design, drawing, painting, printmaking, and other classical and contemporary art forms. Students will have experiences with art criticism, art history, and aesthetic awareness. This does fill a high school fine arts credit if in 9<sup>th</sup> grade.

## **Drawing 1 (10552)**

Semester/ .5 Fine Arts Credit

\$10.00 Fee Required

Grades 8<sup>th</sup> or 9<sup>th</sup>

Drawing 1 is designed to help students to improve their drawing skills, including in areas such as proportions, texture, edges, value or shading. A variety of drawing surfaces and drawing tools will be experimented. Principles of perspective will be introduced. Also expressive and creative drawing processes will be explored. This course is intended to include both traditional academic and contemporary approaches to drawing. Students are expected to be self-driven and motivated.

## **Drama II (19502)**

Semester/.5 Fine Arts Credit

\$10 Fee Required

Grades 8<sup>th</sup> or 9<sup>th</sup>

This is a performance based class. We focus on musical theatre and learning how to be directors and choreographers through performing songs from Newsies and Annie. We learn performing, stage combat, realistic reactions, several different types of theater, and most of all we perform almost every week. We also learn to act realistically while performing on stage. We conclude all drama classes with an after school performance for the parents. If you have taken Drama 1 it will help you during this class, but it is not required.

## **Theater Tech (19402)**

Semester/.5 Fine Arts Credit

Grades 8<sup>th</sup> or 9<sup>th</sup>

In Tech Theatre we learn to design and run technical performance of a theater production. We communicate ideas, moods, and feelings through technical theater methods. These methods include stage management, set design, lighting design, sound effects, scene painting, property management, costume design, and technical abilities to support these functions above. A lot of this class is designing, building, and running the theater productions in the school.

## **Digital Photography (11602)**

Semester/.5 Fine Arts Credit

\$10 Fee Required

For 8<sup>th</sup> and 9<sup>th</sup> Grade only

This class is designed to teach students how to take quality pictures. They will learn how to compose and modify photos digitally using the program Photoshop CC. Students will also

use light and photographic equipment to create inventive art. Access to a digital camera is highly recommended.

## **Career Technology Education**

### **FACS Exploration /Foods (84772)**

Semester/.5 Career Technology Education Credit

Grade 8<sup>th</sup> only

This course is designed to teach Food Preparation Skills and Nutrition Principles. Emphasis is placed on My Plate, with descriptions of the benefits of Dairy, Protein, Carbohydrates, Fats, Fruits and Vegetables. We learn of Kitchen Safety and Food Safety topics, especially in relation to children. Careers in the Food Industry and Marketing Techniques are discussed. Etiquette techniques are presented, then we practice these techniques on a field trip to the LaCaille Restaurant in Sandy, Utah. There is a \$10 class fee to help with food supply expense.

### **FACS Exploration/ Clothing (84712)**

Semester/.5 Career Technology Education Credit

Grade 8<sup>th</sup> only

The goal in this class is to create a love for sewing in each student! Girls and boys are encouraged to take this class. This course provides students the opportunity to learn essential life skills. It allows them to develop skills in sewing, understanding the elements of interior design, and also participate in a free enterprise activity. Students will learn how to operate the sewing machine and serger, be introduced to sewing tools, a sewing pattern, and then complete construction techniques in a variety of fun projects. Projects include: a small bag with quilting and a zipper, a diva or chef apron, Haan Craft kits (stuffed footballs, soccer balls, gym bags, stuffed animals), a quilt block during the Interior Design unit, and a maxi skirt or project of choice for boys.

### **Introduction to Manufacturing (Woods) (88642)**

Career Technology Education

Semester/ .5 CTE Credits -

Grades 8<sup>th</sup> or 9<sup>th</sup>

“Woodshop” is a hands-on course that allows students to explore the manufacturing of products utilizing wood materials. Students are to mill and assemble a wood based product. The students are to manufacture a "Pioneer Puzzle". The puzzle includes wood, composite material, plastic, nylon cord, metal and mechanical soldering. Great emphasis is placed on the safe operation of both hand and power tools. Each semester the students collectively determine the products to be manufactured. A primary focus for the course is to give the students an understanding of how to take raw materials and produce a finished product. Previously chosen by student products include toy trucks, a variety of treasure boxes, small tables, benches, foot lockers and wall clocks. Material Expense is based on student choices. Average expense has been \$30.

### **Introduction to Manufacturing II (Woodshop) (88632)**

Prerequisite Intro. To Manufacturing

Semester/ .5 CTE Credits -

Grades 8<sup>th</sup> or 9<sup>th</sup>

This course is designed for students who want to produce products beyond or equal to those produced in Introduction to

**Manufacturing I.** A passing grade in Introduction to Manufacturing I is required for acceptance into this course. “Woodshop II” is a hands-on course that allows students to explore the manufacturing of products utilizing wood materials. Students are to mill and assemble a wood based product. Great emphasis is placed on the safe operation of both hand and power tools. Each semester the students collectively determine the products to be manufactured. As product selection varies each semester, taking this course a second time can be an appealing and a different adventure. Previously produced products include toy trucks, a variety of treasure boxes, small tables, benches and long and contour skate boards. Material Expense is based on student choices. Average expense has been \$30.

### **Exploring Technology / Robotics (86302)**

One Semester/.5 CTE Credit  
Grades 7<sup>th</sup>, 8<sup>th</sup> or 9<sup>th</sup>

The purpose of this course is to have the students increase their technology knowledge and be more aware of the technology around them and in their future. Hands-on activities carry students into the learning of many scientific and technological concepts. Contained within this course are the four major areas of manufacturing (wood products), construction, communication and power and transportation. The students will be given multiple opportunities to develop and display problem solving skills. A sample of some activities contained within this course are: **programming robots** (more extensive than CCA Introduction), racing air propelled vehicle, flight computer aided drawing, manufacturing a product made with power tools or hand tools. Material Expense is based on student choices. Average expense for multiple activities has been \$5. This course is offered to 7<sup>th</sup> 8<sup>th</sup> and 9<sup>th</sup> grades.

### **Exploring Technology II / Robotics (86312)**

One Semester/.5 CTE Credits -  
Grades 8<sup>th</sup> or 9<sup>th</sup>

The purpose of this course is to have the students increase their technology knowledge and be more aware of the technology around them. Hands-on activities carry students into the learning of many scientific and technological concepts. Contained within this course are the four major areas of manufacturing (wood products), construction, communication and power and transportation. This course has wood manufacturing activities in greater depth than the Exploring Technology I class. The students will be given multiple opportunities to develop and display problem solving skills. A sample of some activities contained within this course are: **programming robots** (more extensive than CTE Introduction), construction of a model of a house, racing air propelled vehicle, flight simulator, computer aided drawing, CNC vinyl sign maker, manufacturing a product made with power tools, Criminology and CSI principles, applications of solar energy and photo voltaic cells. Material Expense is based on student choices. Average expense for multiple activities has been \$5.

### **Computer in Business (85352)**

Semester - .5 CTE Credits  
Grades 7<sup>th</sup> 8<sup>th</sup> & 9<sup>th</sup>

Have you ever tasted chocolate economics, invested \$100,000 in the stock market, or swam in the Sharktank? This course will introduce students to the great world of business and computers in a fun way. Students will learn about economics as they play Monopoly, barter for chocolate, and play The Price is Right. They will explore marketing by virtually touring Disneyland, judging old and new television commercials, and checking out the successful ways products are marketed to us. In addition, students will be introduced to many successful entrepreneurs and use today’s desktop publishing software to develop different advertisements. Finally, each student will compete in a stock market simulation where they will invest \$100,000 for over three months. As we learn about the stock market, we will also use Internet sites and spreadsheet applications to gain an understanding of personal financial skills.

### **Keyboarding 1: (85602)**

One Semester .5 Credit  
Students typing less than 35 words per minute  
Grades: 7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup>

This class focuses on improving typing speed and accuracy. By reviewing key locations and perfecting technique, students will be able to type at least 35 words per minute with 4 or fewer errors, without looking at their hands. Students will continue to develop their skills using computer lessons, stories, critical reviews, games, brainteasers, lyrics, and more.

### **Creative Coding (85372)**

One Semester .5 Credit  
Grades: 8<sup>th</sup> or 9<sup>th</sup>

Learn how to design animated skits, games, and apps using simple programming concepts and JavaScript. You’ll work with other to generate ideas, solve problems, and create programs you can use on your own device.

### **Digital Literacy**

One Semester 5 Credit,  
8<sup>th</sup> grade

This class consists of a basic introduction to gaining essential computer skills in word processing, spread sheets, presentation software, and basic Internet and email skills. Students will learn to effectively use professional software programs like Word, Excel, and PowerPoint. In addition, they will learn the various components and terminology of the computer field.

## **Foreign Language**

### **Spanish I (49000)**

Full Year/1.0 Foreign Language Credit  
Grades 8<sup>th</sup> or 9<sup>th</sup>

Special emphasis is placed on conversational speaking, presentation (written and spoken) and comprehension (reading and listening). Gaining basic language skills and vocabulary acquisition are the major focus of the class.

## Language Arts

### **Yearbook (45502)**

Semester/.5 Elective Credit

**Application Required** - Grades 8<sup>th</sup> or 9<sup>th</sup>

This exciting class is offered to students that would like to write, edit, and publish the school newspaper and yearbook. Students will study the collection and editing of news and the production of a newspaper as well as creating multimedia. Students will also be required to attend multiple after school events. A signed recommendation/application from an English teacher is required.

### **Creative Writing (42102)**

Semester/.5 Elective Credit

Grades 8<sup>th</sup> or 9<sup>th</sup>

This class is for those who enjoy writing stories, poems, song lyrics, news articles and other genres. It is a writer's workshop format with plenty of time for creating, collaborating, sharing and "publishing." Students will be required to attend multiple after school events. Grading is based on participation.

### **Reading for Enjoyment**

Semester (Half Year)/.5 Credit

Grades 7<sup>th</sup>, 8<sup>th</sup>, & 9<sup>th</sup>

Do you enjoy reading in your free time? If so, sign up for *Reading for Enjoyment*, a class dedicated entirely to reading books of your choice! In this class you will discover new books to love, explore many exciting genres, and share your experiences with others who love to read as much as you.

### **Podcasting, Blogging & Vlogging (45602)**

Semester (Half Year)/.5 Credit

One Semester - Grades 7<sup>th</sup>, 8<sup>th</sup>, & 9<sup>th</sup>

In *Digital Writing and Publishing*, explore the world of online publishing and content creation. Not only will you become a pro at using many digital platforms and technologies, but you will also learn real-world skills about creating content for the web. Prepare to podcast, blog, vlog, and so much more!

### **Film and Literature**

Semester (Half Year)/.5 Credit

One Semester - Grades 7<sup>th</sup>, 8<sup>th</sup>, & 9<sup>th</sup>

This class will focus on film as literature and the analysis of film as a mode of presenting complex ideas. We will look at the tools filmmakers use to present their ideas, as well as their ability to adapt and modify themes using these tools. This class will involve reading, watching, writing, and presenting as we study films.

## Physical Education

### **Weight Training & Aerobic Conditioning (75102)**

Semester/.5 Healthy Lifestyles Credit Boys Only

### **Weight Training & Aerobic Conditioning (75202)**

Semester/.5 Healthy Lifestyles Credit (Girls Only)

This class places special emphasis on weight training and will also offer a total body-conditioning program that combines cardiovascular health, flexibility, strength training, along with nutritional and core training exercises.

### **Aerobic Conditioning (73502)**

Semester/.5 Healthy Lifestyles Credit

Grade 8<sup>th</sup> or 9<sup>th</sup>

Students will learn the foundations of fitness in a hands on class that will include learning through working hard and developing their own ideas of fitness. This class will be student driven through their desire to learn different concepts about working out and reaching their fitness potential. This class will be a HIGHLY active class and students will be required to work out every class period. We will explore several different fitness areas including cardio training, cross fit, yoga, pilates, Zumba, weight training and students interests. This class may not be used to replace Participation Skills which is required for High School graduation.

## Other Courses

### **Animal Science and Technology 8 (81722)**

One Semester /.5 Elective Credit

A one semester course that will cover basic animal sciences; students will discover all about the animal world. Topics that will be covered are: companion animal, livestock, horses and so much more. This course serves as a great foundation for advanced courses.

### **Service Learning (69592)**

Semester/.5 Elective Credit

Grades 8<sup>th</sup> or 9<sup>th</sup>

This class is designed for those students who would like to make a difference and serve their school, community, and world. Students will design, implement, and participate in service projects as part of this class. Students will learn and demonstrate the principles of leadership and organization while they address the values of respect, responsibility, caring, and trust.

### **Teacher Assistant (03002)**

Semester/.5 Elective Credit

Application in the Counseling Office and a 3.0 GPA are Required.

Students will assist teachers in basic organizational functions such as passing back student work, running errands and otherwise helping the teacher in day-to-day tasks other than teaching. Cooperation, responsibility and honesty are essential. Grading is on a Pass/Fail basis.

### **Peer Tutoring (05002)**

Semester/.5 Elective Credit

Application required - Grades 8<sup>th</sup> or 9<sup>th</sup>

This is a course designed to help students learn about and interact with peers with special needs. Peer helpers may assist students with education goals, physical activities, classroom activities, and occasional community field trips as part of this Daily course. Formal application is required including parent signature and recommendation from at least two teachers. Applications available in the counseling office.

