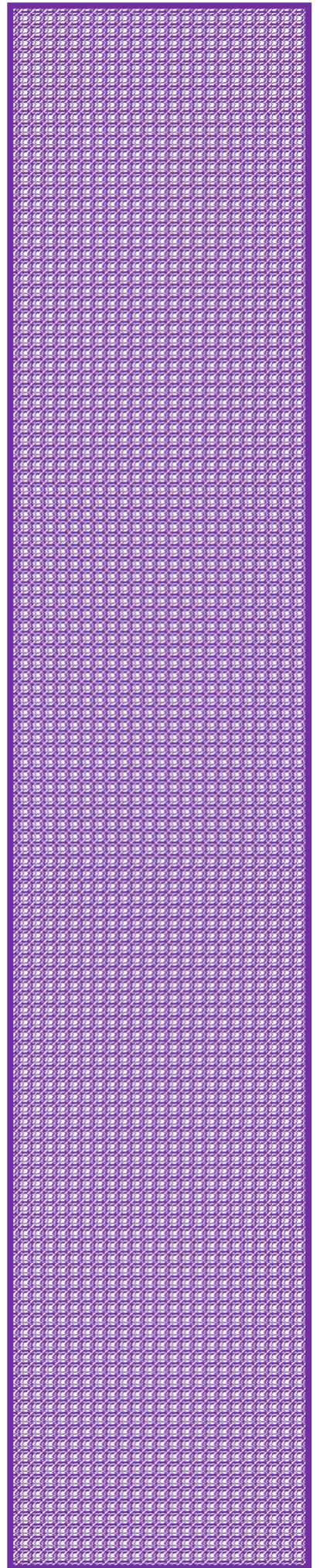


# CENTRAL DAVIS JR. HIGH

COURSE CATALOG  
2023-2024



# Jr. High Honors Courses Indicators for Student Success

Please thoughtfully consider the following criteria as you are deciding whether or not Jr. High Honors level courses will provide the most appropriate learning environment for you. A student should:

1. Typically, be performing at a **proficient level** on end of level testing in a specific subject area before considering enrolling in an Honors level course for that subject area.
2. Consistently earn an **“A” or “B” (or a “3” for 6<sup>th</sup> graders)** for the subject in which they desire to take an Honors course.
3. Have a **high level of interest** and **strong desire to be challenged** in the subject in which they would like to take an Honors course.
4. Consistently exhibit most of the following characteristics:

## Learning/Intellectual Characteristics:

- Enjoys tasks that are more challenging than average
- Has a ready grasp of underlying principles and can quickly make valid generalization about events, people, and things
- Tries to understand complicated material by separating it into its respective parts; reasons things out
- Analyzes problems and considers alternatives
- Enjoys complex concepts and processes

## Motivational/Affective Characteristics:

- Becomes absorbed and truly involved in certain topics or problems
- Needs little external motivation to follow through in work completion
- Often requires little direction from teachers
- Is highly self-motivated and persistent
- Has high expectations of self and others

When deciding whether or not to enroll a student in a particular subject area honors course, please consider the following subject specific characteristics:

## Math/Science:

- Is interested in numerical analysis
- Has a good memory for storing main features of problem and solutions
- Reasons effectively and efficiently
- Organizes data and experiments to discover patterns or relationships
- Is flexible in solving problems

## Social Studies/Language Arts:

- Has advanced vocabulary for age or grade level
- Reads a great deal; does not avoid difficult material
- Enjoys language/verbal or written communication; has advanced communication skills
- Organizes ideas and sequences in preparation for speaking and writing
- Likes study and research in areas of interest

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# APPLICATION AND AUDITION COURSES

## ART FOUNDATIONS 2 HONORS: STUDIO ART (2106)

(9) YR.

*9<sup>th</sup> Grade: 1.0 High School Fine Art Credit*

**Pre-requisite: By Application**

This course is designed for the more advanced art students who may desire art to be a part of their future. Strong emphasis will be placed on drawing techniques, watercolor, oil pastels and design.

## BAND 2: JAZZ BAND (2214)

(8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Fine Art Credit*

**Pre-requisite: Audition Selection.**

**Required concurrent enrollment in Band 2 or 3.**

This is an audition-based course for any student who has at least one year of experience on saxophone, trumpet, trombone, drum set, bass, guitar and piano. Students will learn the fundamentals of Jazz theory and performance and have numerous performance opportunities outside the traditional concert series. Students who participate in the Jazz Band are also expected to participate in their traditional band class, the only exception to this are those who play piano, bass, and/or guitar and do not play a traditional band instrument. ***Auditions are held in the Spring. Class Fees Apply.***

## BAND 3: SYMPHONIC BAND (2220)

(8, 9) YR.

*9<sup>th</sup> Grade 1.0 High School Fine Art Credit*

**Pre-requisite: Band 2. Audition Selection**

Symphonic Band requires students to audition. Students will work on refining their playing techniques and musicianship by learning and playing more challenging literature and traveling to additional festivals and special performances. This class requires a great work ethic as we will be creating music at a very high level with very high expectations. ***Class Fees Apply.***

## CHEERLEADERS (221)

(8, 9) SEM.

*9<sup>th</sup> Grade: .5 High School Elective Credit*

**Pre-requisite: Tryouts Required**

Tryouts are in the Spring. ***Fees apply.***

## CHOIR 2: CENTRAL HARMONY (2307)

(8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Fine Art Credit*

**Pre-requisite: Audition Selection**

Central Harmony is our intermediate auditioned choir here at Central. Student must be in 8<sup>th</sup> or 9<sup>th</sup> grade and have auditioned for Mr. Campbell to be a part of this group. Auditions for this group will be held in April at the end of each school year. This class requires great work ethic and musicianship skills as they will be creating music at a high level with high expectations. Students will work on reading music, rhythm study, rehearsal techniques, and various aspects of choral music. Choir is a great place to meet new people and create music in a fun and interesting environment. ***Central Harmony students do not need to re-audition to take this class in 9<sup>th</sup> grade once accepted during 8<sup>th</sup> grade. Class Fees Apply.***

### **CHOIR 3: CENTRAL SINGERS (2310)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Fine Art Credit***

**Pre-requisite: Audition selection**

Central Singers requires students to audition. Student must be in 8<sup>th</sup> or 9<sup>th</sup> grade. Auditions will be held in April at the end of each school year. The class will consist of a select number of students. The course will address refinement of choral skills, higher level thinking skills, and aesthetic judgment. This class emphasizes ensemble performance, musical styles, historical periods, choral literature. Extra performances may be required. ***Central Singers students do not need to re-audition to take this class in 9<sup>th</sup> grade once accepted during 8<sup>th</sup> grade. Class Fees Apply.***

### **COUNSELOR ASSISTANT (212)**

**(8, 9) SEM./YR.**

***9<sup>th</sup> Grade: .5/1.0 High School Elective Credit***

**Pre-requisite: By Application**

**Academic Requirements: 3.0 G.P.A.; No "D's", "F's", "N's", or "U's"**

Counseling Office Aides provide an important service to the school by helping students, teachers, administration and the public. Excellent attendance, grades and citizenship are required (no D's, nor F's; no N's nor U's). Aides will be required to sign a confidentiality statement and will be trained in the responsibilities and procedures of working in the counseling office. Students will learn confidentiality, office skills, information finding, filing, organizational skills and public relations abilities. ***This is a Pass/Fail class.***

### **JOURNALISM 1 (4345)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Elective Credit***

**Pre-requisite: By Application**

Journalism is a class for students who are interested in the media field. The class includes an online blog/newspaper as well as the Cub Cast, which works with film. The online blog/newspaper is great for those students who would like an opportunity to experience what being a journalist is all about. It includes extensive reading and writing of newspapers articles. A student must be willing to interact with other students constantly and be eager to go out on assignment. Cub Cast offers students an opportunity to work with technology to create videos of different types. The videos are included, but not limited to, orientation videos, anti-bullying videos, video announcements, commercials, public service announcements, and any others that may come through. Students will learn how to film, edit, produce, direct, and write screenplays. Hard work ethic is required.

### **LIA PEER LEADERSHIP: LATINOS IN ACTION (214)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Elective Credit***

**Pre-requisite: By Application**

**Academic Requirements: Maintain a 2.0 G.P.A.; No "D's", "F's", "N's", or "U's"**

Peer Leadership/LIA is a class designed to allow ANY bi-lingual student with English being the primary language an avenue to develop leadership, citizenship, and mentoring skills. Students enrolled in this class will learn writing and reading skills, resume development, speaking, listening, interpersonal and presentation skills, work ethic/responsibility, time management, goal setting, teamwork/cooperation, problem solving, and decision making. Students will mentor elementary school students in the STAR READING program throughout the course.



### **LIBRARY MEDIA SKILLS AIDE (215)**

**(8, 9) SEM.**

**9<sup>th</sup> Grade: .5 High School Elective Credit**

**Pre-requisite: By Application Only**

School library aides assist the librarian with the tasks required to effectively run a library, such as organizing materials and helping students find resources. Library aides often teach students how to effectively use the library, answer questions about library services, and help teachers locate materials for their classrooms. They may supervise student use of the library. Library aides are expected to read and help promote a variety of library material. This class requires a B+ average and no “N’s” or “U’s”. ***This is a Pass/Fail class.***

### **OFFICE ASSISTANT (210)**

**(8, 9) SEM./YR.**

**9<sup>th</sup> Grade: .5/1.0 High School Elective Credit**

**Pre-requisite: By Application**

**Academic Requirements: 3.0 G.P.A.; No “N’s”, “U’s”, “D’s”, or “F’s”**

Office Aides provide an important service to the school by helping students, teachers, administration and the public. Excellent attendance, grades and citizenship are required (no D’s, nor F’s; no N’s nor U’s). Aides will be trained in the responsibilities and procedures of working in the main office. Students will learn office skills, information finding, and organizational skills and public relations abilities. ***This is a Pass/Fail class.***

### **PEER SUPPORT 1: HOPE SQUAD (216)**

**(8, 9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Elective Credit**

**Pre-requisite: By Teacher Nomination**

Hope Squad® is a school-based peer support program that empowers students to take action to improve the school environment. Hope Squad members are trained to recognize if they or their peers are at risk for suicide as well as how to encourage peers to seek help from a trusted adult. As part of the Hope Squad, students will participate in planning and leading inclusive activities for the school. Students must apply for the class.

### **PEER TUTOR (213)**

**(8, 9) SEM./YR.**

**9<sup>th</sup> Grade: .5/1.0 High School Elective Credit**

**Pre-requisite: By Application**

**Academic Requirements: No “D’s”, “F’s”, “N’s”, or “U’s”**

Students, under the direction of the special education teacher, will work with students with disabilities one-on-one to assist them with their schoolwork either in the Essential Elements classroom or in a general education classroom setting. Students will learn about disabilities, data collection, behavioral technology, instructional techniques, and advocacy. Students selected need to be appropriate models of school and social communication skills. This class gives elective credit. A letter grade will be given that will count in the GPA. Students must complete an application which is available in the Counseling Center.

## **PEER TUTOR MATH (213)**

**(9) SEM./YR.**

**9<sup>th</sup> Grade: .5/1.0 High School Elective Credit**

**Pre-requisite: By Application**

**Academic Requirements: No "D's", "F's", "N's", or "U's"; 3.0 GPA**

The position of Peer Tutor is one of responsibility and confidentiality. Trust, confidentiality, and responsibility are of prime importance. Peer Tutors are utilized to help other students with academics, behavior cues, and physical disabilities. Good attendance is required to be a peer tutor.

## **STUDENT GOVERNMENT (220)**

**(7, 8, 9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Elective Credit**

**Pre-requisite: By Election**

This class is for students who are elected or appointed to various student body, class offices and school ambassadors. Students will plan activities for the school, organize materials and put their plans into action. Activities will be under the direction of the student body advisor with the approval of the school administration. Application for 7<sup>th</sup> Grade Ambassador are given to each elementary in the spring. Students desiring this class must complete an application and go through an interview process as part of the selection process.

## **TEACHER ASSISTANT (211)**

**(8, 9) SEM.**

**9<sup>th</sup> Grade: .5/1.0 High School Elective Credit**

**Pre-requisite: By Application**

**Academic Requirements: 3.0 G.P.A.; No "D's", "F's", N's", or "U's"**

Students interested in assisting teachers with various projects (i.e. grading papers) must complete an application. Excellent attendance, grades and citizenship are required. ***This is a Pass/Fail class.***

# **CAREER & TECHNICAL EDUCATION (CTE)**

## **AP COMPUTER SCIENCE PRINCIPLES (7713)**

**(9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Digital Studies Credit/Possible College Credit**

**Recommended: "A" in Creative Coding, "A-" or better in Intro to Python, or an "A-" or better in Sec Math 1 Honors**

**Requirement: There are no labs or other classes required with this class**

Students are introduced to the realm of computer science at a beginning college level. Students learn about several computer science topics such as abstraction, design, problem solving, innovation, hardware, software, networks, and programming. Students learn an object-oriented programming language in which they will gain an intricate understanding of algorithms, variables, loops, and conditional statements. Students will complete a project in which they design and build an application encompassing everything they learned about programming. This project is a part of their AP Exam Score. Students will also have a multiple-choice exam to test what they have learned. **Passing the required AP exam gives University credit. Fees apply for taking AP Exam.**

## **CCA (COLLEGE & CAREER AWARENESS) (7050)**

**(7) YR.**

***Required 7<sup>th</sup> Grade Class***

This College and Career Readiness course is an integrated exploratory program. The purpose is to allow students to be involved in activity-centered lessons that explore careers, utilize technology and develop beginning skills. The course introduces students to career explorations and selection processes and provides information regarding additional courses and training of interest. The applied technology areas of agriculture, business, family and consumer sciences, health science, information technology, marketing, economics, and technology education are explored. The overall goals of CCA focus on 1) Self-knowledge, 2) Education and Occupation Exploration and 3) Career Planning.

## **CHILD DEVELOPMENT (7410)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School CTE Credit***

This course provides students with an understanding of the aspects of human growth and development. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Learning activities, observation techniques, and lab experiences in working with children may be included. Note: By Utah State law, parental or guardian consent is required for a student to participate in human sexuality instruction. State policy states that instruction includes the importance of marriage and the family, abstinence from sexual activity before marriage, and fidelity after marriage. Consult the local school district on its policy regarding the teaching of human sexuality and district approved instructional materials.

## **CREATIVE CODING 1 (7743)**

**(7, 8) SEM.**

Creative Coding is an introductory course for students who are interested in learning what coding is all about. We use exciting programs like Minecraft Education and Code Combat to learn coding concepts to create mini games and fun activities.

## **DIGITAL LITERACY (7537)**

**(8) SEM.**

***Required 8<sup>th</sup> grade***

This course is a foundation to computer literacy. Students will have opportunities to use technology and develop skills that encourage creativity. Critical thinking, productivity, and collaboration in the classroom and day-to-day life. In addition to learning how to use Microsoft Office, there will be other fun activities in photo, video and audio editing.

## **ENGINEERING TECH (7820)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School CTE Credit***

This is a "hands-on" foundational engineering design course that will introduce basic problem-solving skills. This course will tie observational research, technology, science and mathematical concepts and skills to design, test and analyze engineering projects. Students will participate as engineers in multiple engineering disciplines. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities. Participation in this class will prepare students for the Engineering Principles class taught in the high school.

### **EXPLORING BUSINESS AND MARKETING (7548)**

**(7, 8) SEM.**

Your new favorite class! You'll learn the basics of business and marketing. Which basically means you'll learn how to start your own business! We have class competitions, games, videos, and design products to sale! Other topics include accounting, leadership, economics, finance, and law. Also, learn about career pathways inside the business field. If you like money, inventing or having fun this is the class for you!

### **EXPLORING COMPUTER SCIENCE 1 (7760)**

**(9) SEM.**

**9<sup>th</sup> Grade: .5 High School Digital Studies Credit**

Exploring Computer Science is a very engaging class where students will be introduced into the field of computer science. Students will have the opportunity to learn how computers work and how to program them. Students will also discover how computers impact our society. Many top computer science teachers have pooled their minds together to develop an engaging curriculum that will excite students about learning more about computers and the mysteries behind them.

### **EXPLORING TECHNOLOGY 1: 7th GRADE (7810)**

**(7) SEM.**

This Exploring Technology course is an introductory class in shop. It is for students that enjoy problem solving and designing. We will study problem solving, electronics, flight, manufacturing, construction, physics, engineering, and animation. Each unit has an outline or notes, a test, and a project. We will have lots of hands-on fun. Some of the projects done in this class include building a geodesic dome, boomerangs, electronic trainers, bridges, and a chess board and pieces.

### **EXPLORING TECHNOLOGY 1: 8th GRADE (7810)**

**(8) SEM.**

This Exploring Technology course is an introductory class in shop. It is for students that enjoy problem solving and designing. We will study problem solving, electronics, flight, manufacturing, construction, physics, engineering, and animation. Each unit has an outline or notes, a test, and a project. We will have lots of hands-on fun. Some of the projects done in this class include building a geodesic dome, boomerangs, electronic trainers, bridges, and a chess board and pieces.

### **EXPLORING TECHNOLOGY 1: DESIGN AND MODELING (7810)**

**(7, 8) SEM.**

Design and Modeling is a class where students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned to create designs to solve multiple problems. Students will end the class by designing a project that will be 3D printed. Students will learn how to use the Inventor software.

### **EXPLORING TECHNOLOGY 1: VEX ROBOTICS (7810)**

**(7,8) SEM.**

Students will design, build, program and drive VEX IQ robots in a non-competitive environment. In this class students will learn the parts of the robot and how to program the robots to run in a virtual world. This class is a pre-requisite for the Robotics Tech: VEX Team class.

**FCS EXPLORATION A (7404)****(Interior Design, Fashion, Entrepreneur)****(8) SEM.**

Students will explore and cultivate skills in interior design, clothing and textile construction, fashion design and merchandising, entrepreneurship and job-related tasks.

**FCS EXPLORATION B (7405)****(Foods, Childcare, Family Relations)****(8) SEM.**

Students will explore and cultivate skills in food and nutrition sciences, childcare, entrepreneurship, family relationships, personal responsibility, and job-related tasks.

**FOOD AND NUTRITION 1 (7460)****(9) SEM.*****9<sup>th</sup> Grade: .5 High School CTE Credit***

This course is designed to provide individuals with an understanding of the principles of nutrition and their relationship to healthy lifestyles. The class will help students relate to the purpose of foods by thinking in terms of “why I eat food and what it does for me.” Students will learn through hands-on experiences in the areas of food preparation skills, preparing special occasion foods, handling foods safely, meal management, and ways to meet family food needs, consumerism, and the optimal use of foods.

**INTERIOR DESIGN 1 (7445)****(9) SEM.*****9<sup>th</sup> Grade: .5 High School CTE Credit***

This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are furniture arrangement basics, floor plan evaluation, area planning and careers. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education. FCCLA may be an integral part of this course.

**INTRO TO PYTHON 1 (7775)****(7,8) SEM.**

Python is a language with a simple syntax, and a powerful set of libraries. It is an interpreted language, with a rich programming environment, including a robust debugger and profiler. While it is easy for beginners to learn, it is widely used in many scientific areas for data exploration. This course is an introduction to the Python programming language for students without prior programming experience.

**INTRO TO PYTHON 2 (7776)****(7, 8) SEM.****Pre-requisite: Introduction to Python 1**

Python is a language with a simple syntax, and a powerful set of libraries. It is an interpreted language, with a rich programming environment, including a robust debugger and profiler. While it is easy for beginners to learn, it is widely used in many scientific areas for data exploration. This course is a continuation of the introduction to the Python programming language for students without prior programming experience.

## **MANUFACTURING TECH 1 (7825)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School CTE Credit***

In this class, students will learn about safety, measurement, tool and machine safety, designing a project, and cost calculation of materials. All of this while having the hands-on experience of building projects out of different materials. Students will be able to build several projects during the semester. We will also be using automated equipment like a 3D printer and laser engraver.

## **ROBOTICS TECH: FLIGHT & SPACE (DRONES) (7830)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School CTE Credit***

The exciting world of aerospace comes alive through the Flight and Space. Students become engineers as they design, prototype, and test models to learn about the science of flight and what it takes to travel and live in space. They solve real-world aviation and space challenges and plan a mission to Mars.

## **ROBOTICS TECH: VEX TEAM (7830)**

**(8, 9) SEM.**

***9<sup>th</sup> Grade: .5 High School CTE Credit***

**Pre-requisite: Exploring Tech 2: VEX Robotics**

In this class students will design, build, program and drive a robot to compete in the VEX IQ current year's competition. Students will be required to attend at least one competition after school and/or on a Saturday. Parents will be expected to help when we run our annual tournament to help offset the costs of registering teams and going to tournaments. There is a prerequisite for this class. Students need to have passed Logo Robotics, VEX Robotics or Automation and Robotics.

## **SEWING 1 (7433)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School CTE Credit***

This course introduces students to basic sewing and pressing equipment, textiles, introductory level projects, construction techniques, and techniques for constructing edge finishes. This course is conducted in a lab class format with students working on individual projects. Since all three levels of classes are taught in the same period, each student will indicate to the instructor which level or track they are on at the beginning of the semester.

# **FINE ARTS**

## **3D DESIGN 1 (2118)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School Fine Art Credit***

3D Design provides an overview of the sculpture process. The overview of this course will introduce cardboard, paper, wire sculpting and much more. An emphasis is placed on studio production including art related technology, art criticism, art history & aesthetics.

### **ART FOUNDATIONS 1: DRAWING (2101)**

**(7, 8) SEM.**

Do you want to learn to draw? Do you like to draw? Would you like to get better? Art 1: Drawing is for everyone whether you know how to draw or want to learn. We will explore the elements and principles of art and how to incorporate them into your drawings. Each student will develop a general knowledge and understanding of basic art terms, style, media, skills, and techniques.

### **ART FOUNDATIONS 1: INTRODUCTION TO ART (2101)**

**(7, 8) SEM.**

Art 1: Intro to Art is an introductory course offering instruction in a variety of art media, concentrating on basic concepts and principles of art. This class is designed to provide an overview and introduction to visual arts while studying a variety of artists and mediums. Studio production will be emphasized along with art-related technology development, art criticism, art history, and aesthetics.

### **ART FOUNDATIONS 1A2D: GENERAL ART (2102)**

**(8) SEM.**

**Pre-Requisite: Art Foundations 1**

This course is designed to provide an additional enhancement of artistic issues from Art Foundations 1. There is a continuing emphasis on Studio production as the application of the elements and principles of art are used to assist the student in expressing him/herself through the creation of works of art. Students will also discuss the role of artists in society by continued exploration of art history and art criticism.

### **ART FOUNDATIONS 1B2D: PRINTMAKING (2103)**

**(8) SEM.**

This is an introduction to the process of making an image on a plate and transferring it onto another surface. It is a fun way to introduce the students to Printmaking with a press as they use block printing, linoleum printing, and monotypes.

### **ART FOUNDATIONS 2 (2105)**

**(9) SEM.**

**9<sup>th</sup> Grade: .5 High School Fine Art Credit**

This is a continuation of Art 1 with further emphasis on drawing, color, and design concepts. More in-depth drawing skills will be emphasized.

### **ART FOUNDATIONS 2: ADVANCED PRINTMAKING (2105)**

**(9) SEM.**

**9<sup>th</sup> Grade: .5 High School Fine Art Credit**

**Pre-requisite: Art 1A2D or Art 2**

This is an introduction to the process of making an image on a plate and transferring it onto another surface. It is a fun way to introduce the students to Printmaking with a press as they use block printing, linoleum printing, and monotypes.

## **ART FOUNDATIONS 2 HONORS: STUDIO ART (2106)**

**(9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Fine Art Credit**

**Pre-requisite: By Application**

This course is designed for the more advanced art students who may desire art to be a part of their future. Strong emphasis will be placed on drawing techniques, watercolor, oil pastels and design. **Class Fees Apply.**

## **BAND 1 BRASS: TRUMPET/TROMBONE (2204)**

**(7, 8, 9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Fine Art Credit**

This class is an introduction to brass music performance for those students who have not played an instrument before. It stresses tone, production, music reading, musical style consciousness, creating music and listening skills needed for musical performance. Students who sign up for this class make a year-long commitment to ensure the integrity of the ensemble. **Instrument use available upon request. Class Fees Apply.**

## **BAND 1: PERCUSSION (2206)**

**(7, 8, 9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Fine Art Credit**

This class is an introduction to percussion performance for those students who ALREADY HAVE SOME music experience or will have it before the start of the year. Students need to have a basic knowledge of reading music notes and rhythms. It stresses hand position, tone production, music reading, musical style consciousness, creating music, and listening skills needed for musical performance. The students will play mostly bells (mallet percussion) but will incorporate snare drum on a limited basis later in the year. **Class Fees Apply.**

## **BAND 1 WOODWIND: FLUTE/CLARINET (2205)**

**(7, 8, 9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Fine Art Credit**

This class is an introduction to wind music performance for those students who have not played an instrument before. It stresses tone, production, music reading, musical style consciousness, creating music and listening skills needed for musical performance. Students who sign up for this class make a year-long commitment to ensure the integrity of the ensemble. **Instrument use available upon request. Class Fees Apply.**

## **BAND 2: CONCERT BAND (2210)**

**(8, 9) YR.**

**9<sup>th</sup> Grade: 1.0 High School Fine Art Credit**

**Pre-requisite: Band Level 1**

This class is a band performance class for 2<sup>nd</sup> year band students playing woodwind, brass, and percussion instruments. It stresses tone production, music reading, musical style consciousness, creating music, and listening skills needed for musical performance. More advanced skills, such as balance, blend, and intonation will be introduced. **Class Fees Apply.**



**BAND 2: JAZZ BAND (2214)**

(8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Fine Art Credit*

**Pre-requisite: Audition Only. Concurrent Enrollment in Band 2 or 3**

This is an audition-based course for any student who has at least one year of experience on saxophone, trumpet, trombone, drum set, bass, guitar and piano. Students will learn the fundamentals of Jazz theory and performance and have numerous performance opportunities outside the traditional concert series. Students who participate in the Jazz Band are also expected to participate in their traditional band class. The only exception to this are those who play piano, bass, and/or guitar and do not play a traditional band instrument. ***Auditions are held in the Spring. Class Fees Apply.***

**BAND 2: ADVANCED PERCUSSION (2213)**

(8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Fine Art Credit*

**Pre-requisite: Band 1: Percussion**

This class is for students who have completed Band 1: Percussion. It stresses tone production, music reading, musical style consciousness, creating music, and listening skills needed for musical performance. More advanced skills and in-depth percussion techniques will be explored as well. ***Class Fees Apply.***

**BAND 3: SYMPHONIC BAND (2220)**

(8, 9) YR.

*9<sup>th</sup> Grade 1.0 High School Fine Art Credit*

**Pre-requisite: Band 2. Audition Selection.**

Symphonic Band requires students to audition. Students will work on refining their playing techniques and musicianship by learning and playing more challenging literature and traveling to additional festivals and special performances. This class requires a great work ethic as we will be creating music at a very high level with very high expectations. ***Class Fees Apply.***

**CHOIR 1: SOPRANO/ALTO TREBLE CUBS (2304)**

(7, 8, 9) SEM.

*9<sup>th</sup> Grade: .5 High School Fine Art Credit*

Beginning choir is an introduction to music and the beginning of vocal training. Concepts learned will include listening, performing, creating, analyzing, and exploring career possibilities. Students will have an opportunity to explore choral music, rehearsals, and performances.

**CHOIR 1: TENOR/BASS BEAR CUBS (2305)**

(7, 8, 9) SEM.

*9<sup>th</sup> Grade: .5 High School Fine Art Credit*

Beginning choir is an introduction to music and the beginning of vocal training. Concepts learned will include listening, performing, creating, analyzing, and exploring career possibilities. Students will have an opportunity to explore choral music, rehearsals, and performances.

## **CHOIR 2: CUB CHOIR (2307)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Fine Art Credit***

**Pre-requisite: Choir 1**

This class will address refinement of choral skills, higher level thinking skills, and aesthetic judgment. It emphasizes ensemble performance, musical styles, historical periods, choral literature, chamber music, and creative development.

## **CHOIR 2: CENTRAL HARMONY (2307)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Fine Art Credit***

**Pre-requisite: Audition Selection**

Central Harmony is our intermediate auditioned choir here at Central. Student must be in 8<sup>th</sup> or 9<sup>th</sup> grade and have auditioned for Mr. Campbell to be a part of this group. Auditions for this group will be held in April at the end of each school year. This class requires great work ethic and musicianship skills as they will be creating music at a high level with high expectations. Students will work on reading music, rhythm study, rehearsal techniques, and various aspects of choral music. Choir is a great place to meet new people and create music in a fun and interesting environment. ***Central Harmony students do not need to re-audition to take this class in 9<sup>th</sup> grade once accepted during 8<sup>th</sup> grade. Class Fees Apply.***

## **CHOIR 3: CENTRAL SINGERS (2310)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Fine Art Credit***

**Pre-requisite: Audition selection**

Central Singers requires students to audition. The class will consist of a select number of students. The course will address refinement of choral skills, higher level thinking skills, and aesthetic judgment. This class emphasizes ensemble performance, musical styles, historical periods, choral literature. Extra performances may be required. ***Central Singers students do not need to re-audition to take this class in 9<sup>th</sup> grade once accepted during 8<sup>th</sup> grade. Class Fees Apply.***

## **ORCHESTRA 1 (2405)**

**(7, 8, 9) YR.**

This class is for students who have completed one year of orchestra in the 6<sup>th</sup> grade. Under special circumstances, however, beginners to orchestra in any grade will be admitted. Parents may want to consider supplementing this class with private lessons for beginning students; when available. In this class, students will begin with a quick review of the beginning lessons then continue mainly in the keys of D, G, C & F Major, primarily in 1<sup>st</sup> and 3<sup>rd</sup> positions. Solo work as well as large ensemble participation is encouraged. This class will require an Orchestra Lab class which will allow Orchestra to be taught every day. Orchestra 1 serves as a training setting for the Advanced Orchestra (mainly 8<sup>th</sup> & 9<sup>th</sup> grade students). ***Class Fees Apply.***

## **ORCHESTRA 2: ADVANCED ORCHESTRA (2406)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Fine Art Credit***

**Pre-requisite: Orchestra Level 1**

This class is for 8<sup>th</sup> and 9<sup>th</sup> grade students who have completed Orchestra 1. Intermediate students develop and progress into more challenging keys, improved tone, a better understanding of music theory, history, and performance. ***Class Fees Apply.***

## **PAINTING 1 (2107)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School Fine Art Credit***

Introduction to painting includes wet media with processes such as transparent and opaque painting and focuses. Emphasis is on studio production using watercolor and acrylic on canvas.

## **THEATRE 1 (2502)**

**(7, 8, 9) SEM.**

***9<sup>th</sup> Grade: .5 High School Fine Art Credit***

There are two basic goals in theatre education; finding meaning in works of theatre art through the study and appreciation of theatre as an art form and constructing meaning in works of theatre art through the study and skill development in theatre techniques in the creation of that theatre art. This is the entry level course that introduces these two concepts.

## **THEATRE 2 (2503)**

**(8, 9) SEM.**

***9<sup>th</sup> Grade: .5 High School Fine Art Credit***

**Pre-requisite: Theatre 1**

There are two basic goals in theatre education; finding meaning in works of theatre art through the study and skill development of theatre techniques in the creation of that theatre art. To these concepts, this course adds depth, as well as breadth through the study of dramatic unity, comparison and integration of art forms, analysis, and critique of performance, and understanding of context and the effect of history and culture on character action. Theatre 2 will have students reviewing movement and characterization on a more in-depth level. Students will also do a dramatic monologue to work on more serious emotions. Students will also get to work more on the directing side of theatre and learn how to direct a scene from a play. They will learn different stage make-up techniques and learn how to do fun and interesting effects with make-up.

## **THEATRE 2: PRODUCTIONS (2503)**

**(9) SEM.**

***9<sup>th</sup> Grade: .5 High School Fine Art Credit***

**Pre-requisite: Theatre 2**

Students in this introductory high school course will study basic play analysis, stage directions, and acting techniques from vocal and physical warm-ups, concentration, improvisation, and movement through memorized scenes. Theatre history and the basics of playwriting will also be covered.

# **LANGUAGE ELECTIVES**

## **CHINESE 1 (3310)**

**(7, 8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Elective Credit***

Chinese 1 is designed to provide students with the opportunity to develop comprehension, speaking, reading, and writing skills at a basic level. Most of the class time is spent practicing the target language.

**CHINESE 2 (3320)**

(8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Elective Credit*

**Pre-requisite: Full year of Chinese 1 w/ a “C” average or better or teacher approval**

Chinese 2 is a continuation of Chinese 1 and is designed to provide students with the opportunity to develop comprehension, speaking, reading, and writing skills at a basic level. Most of the class time is spent practicing the target language.

**CHINESE 3 (3330)**

(8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Elective Credit*

**Pre-requisite: Full year of Chinese 2 w/ a “C” average or better or teacher approval**

Chinese 3 is a continuation of Chinese 2. More emphasis is placed on writing skills as well as speaking the target language. Most of the class time is spent in the target language. The study of culture is also continuing.

**SPANISH 1 (3110)**

(7, 8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Elective Credit*

Spanish 1 is designed to provide students with the opportunity to develop comprehension, speaking, reading, and writing skills at a basic level. Most of the class time is spent practicing the target language. Students are exposed to the historical backgrounds and cultural experiences of Spanish speaking countries.

**SPANISH 2 (3120)**

(8, 9) YR.

*9<sup>th</sup> Grade: 1.0 High School Elective Credit*

**Pre-requisite: Full year of Spanish 1 w/ a “C” average or better or Spanish teacher approval**

Spanish 2 is a continuation of Spanish 1 with emphasis on developing reading and writing skills, conversational skills and proficiency in the language. Most of class time is spent in the target language. The study of culture is continued.

**SPANISH 3 (3130)**

(9) YR.

*9<sup>th</sup> Grade: 1.0 High School Elective Credit*

**Pre-requisite: Full year of Spanish 2 w/ a “C” average or higher or Spanish teacher approval**

Spanish 3 is a continuation of Spanish 2. More emphasis is placed on writing skills as well as speaking the target language. Most of the class time is spent in the target language. The study of culture is also continuing.

**CREATIVE WRITING 1 (4335)**

(7, 8, 9) SEM.

*9<sup>th</sup> Grade: .5 High School Elective Credit*

**Recommendation: English grade of “B” or better**

Creative Writing is a course designed for students who consider themselves writers, feel they are creative, or who would like to improve their writing skills. Students taking Creative Writing will be required to write several different genres and styles of writing. Students will need to be prepared to write every day.

### **CREATIVE WRITING 2: NOVELS (4340)**

**(8, 9) SEM.**

**9<sup>th</sup> Grade: .5 High School Elective Credit**

**Pre-requisite: Creative Writing 1**

In this semester course you will learn how to: build a plot and character arc that work together; craft the beginning, middle, and ending of a story; organize your story in a powerful and meaningful way; potentially, have a story for print. At the end of the course, you'll have learned how to create a detailed story plan that you can use as a road map for many more of your own stories.

### **CREATIVE WRITING 2: POETRY (4340)**

**(8, 9) SEM.**

**9<sup>th</sup> Grade: .5 High School Elective Credit**

**Pre-requisite: Creative Writing 1**

I bet you're a poet and you didn't even know it. This class will explore all types of poetry. Students will study famous poets and their works. Students will learn how to write their own poems. Students will create a portfolio of their work to keep and share. At the end of the class, we will put together a book of poetry and publish it for the school. So, come and learn how to weave words and make them sing.

### **LITERATURE SURVEY: NOVELS (4270)**

**(7, 8) SEM.**

This class is for those that love to read and explore different types of writing. Students will read a wide variety of genres. The readings can include novels, short stories, poetry, and scripts. Students will explore how each genre develops and delivers a story line. Students will be involved with creative writing assignments as each genre is studied.

## **LANGUAGE ARTS**

### **ENGLISH 7 (4000)**

**(7) YR.**

**Required Class or Equivalent**

Seventh Grade Language Arts follows the DESK Standards. Students will read a variety of texts as they analyze, evaluate, and synthesize information. Students will write argumentative and informative essays. Student will be required to prepare presentations that focus on evaluation and analysis.

### **ENGLISH 7 HONORS (4005)**

**(7) YR.**

**Required Class or Equivalent**

Seventh Grade Honors Language Art follows the DESK Standards. Students can expect rapid movement through course material. Honors English provides increased rigor in reading and writing skills. ***Honors classes are self-selected. However, we recommend you read the "Indicators of Success" handout to help in the selection process.***

## **ENGLISH 8 (4030)**

**(8) YR.**

### **Required Class or Equivalent**

Eighth Grade Language Arts follows the DESK Standards. Students will read a variety of texts as they analyze, evaluate, and synthesize information. Students will write argumentative and informative essays. Students will be required to prepare presentations that focus on evaluation and analysis.

## **ENGLISH 8 HONORS (4035)**

**(8) YR.**

### **Required Class or Equivalent**

Eighth Grade Honors Language Arts follows the DESK Standards. Students can expect rapid movement through course material. Honors English provides increased rigor in reading and writing skills. ***Honors classes are self-selected. However, we recommend that you read the “Indicators of Success” handout to help in the selection process.***

## **ENGLISH 9 (4055)**

**(9) YR.**

***9<sup>th</sup> Grade: 1.0 High School English Credit***

### **Required High School Class or Equivalent**

Ninth Grade Language Arts follows the DESK Standards. Students will read a variety of texts as they analyze, evaluate, and synthesize information. Students will write argumentative and informative essays. Student will be required to prepare presentations that focus on evaluation and analysis.

## **ENGLISH 9 HONORS (4060)**

**(9) YR.**

***9<sup>th</sup> Grade: 1.0 High School English Credit***

### **Required High School Class or Equivalent**

Ninth Grade Honors Language Arts follows the District’s Desk Standards. Students can expect rapid movement through course material. Honors English provides increased rigor in reading and writing skills. ***Honors classes are self-selected; however, we recommend reading the “Indicators of Success” handout prior to deciding.***

# **MATHEMATICS**

## **MATH 7 (5000)**

**(7) YR.**

### **Required Class or Equivalent**

The Grade 7 Mathematics instruction will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale-drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

### **ACCELERATED MATH 7/8—HONORS ACCELERATED (5010)**

**(7) YR.**

**Pre-requisite: Must take the quantitative portion of the CogAT and score 90% or higher**

This course is only available to students who meet district qualifications. There will be seven areas of focus, including the four areas of seventh grade math and the three areas of 8th grade math. This class will cover material at an accelerated pace but at the same rigor as the full year classes. Students scoring 90% or higher on the quantitative portion of the CogAT qualify for the 2-in-1 Accelerated Math Course in their seventh-grade year.

### **MATH 7/8 ACCELERATED-HONORS LAB (5905)**

**(7) YR.**

**Required in conjunction with Math 7/8 Accelerated-Honors**

This lab is a required class for all students who are enrolled in the 7<sup>th</sup> grade Math Honors Accelerated course.

### **MATH 8 (5100)**

**(8) YR.**

**Required Class or Equivalent**

The Grade 8 Mathematics instruction will focus on three critical areas: (1) 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; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence.

### **MATH 8 HONORS (5105)**

**(8) YR.**

**Required Class or Equivalent**

The Grade 8 Mathematics Honor Course will cover the three critical areas listed in Grade 8 Mathematics Course and add extra topics and concepts that would interest an advanced middle school student. Concepts will be explored in greater depth with increased use of contextual situations. This course will have increased rigor and advanced content that will challenge the minds of high ability students. ***Honors classes are self-selected; however, we recommend that you read the “Indicators of Success” handout to help in the selection process.***

### **SECONDARY MATH I (5200)**

**(9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Math Credit***

**Required High School Course or Equivalent**

The Secondary Mathematics I (ninth grade core) will focus on developing a solid understanding of function and use that understanding to explore many examples of functions, including sequences. It will deepen and extend understanding of linear relationships and connect that understanding to exponential functions. It will build on prior experiences with data to develop formal methods of data analysis. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas will be tied together.

## **SECONDARY MATH I HONORS (5205)**

**(8, 9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Math Credit***

**Pre-requisite: Accelerated Math 7/8 or Math 8**

**Required High School Course or Equivalent**

The Secondary Mathematics I Honors Course will cover all the concepts in the Secondary Mathematics I course. Concepts will be explored in greater depth with increased use of contextual situations. In addition, it will include concepts dealing with vectors and quantities of vectors and matrix operations and their applications. This course will include elements that will prepare students to take calculus in high school. This course will have increased rigor and advanced content that will challenge the minds of high ability students. ***8<sup>th</sup> graders who completed the 7-8 Accelerated Math class in 7<sup>th</sup> grade will take this course their 8<sup>th</sup> grade year. Honors classes are self-selected; however, we recommend that you read the "Indicators of Success" handout to help in the selection process.***

## **SECONDARY MATH II HONORS (5305)**

**(9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Math Credit***

**Required Class or Equivalent**

This course is typically for sophomores with a serious commitment to attend college; however, CDJH students who complete the Accelerated Math 7/8 in 7<sup>th</sup> grade and Secondary Math I Honors in 8<sup>th</sup> grade will take this class in 9<sup>th</sup> grade as the next step in their math progression. Students must be enrolled in the Honors level of Secondary II to eventually take AP Calculus and/or AP Statistics, and very likely earn college math credit, before graduation from high school. Students will gain a strong foundation in geometry, trigonometry and second year algebra as well as some work with statistics. This is a college prep level course that will teach students critical thinking skills and strong work ethic while preparing them for Secondary Math III Honors and college entrance exams.

# **PHYSICAL EDUCATION & HEALTH**

## **BODY CONDITIONING 1 (1021:8th) (1050:9th)**

**(8, 9) SEM.**

***9<sup>th</sup> Grade: .5 High School Physical Education Credit***

Designed to introduce students to an "overall" conditioning program implemented into a daily class routine consisting of: Strength Training, Speed and Agility Training, Cardiovascular Training, Flexibility, Coordination, Balance and Running. The goal is to have each student feel and see the results of following the routine and *have the knowledge and desire* to follow a similar program on a lifetime basis.

## **HEALTH EDUCATION 1 (1000)**

**(8) SEM.**

**Required Course for all 8<sup>th</sup> Grade Students**

This course develops the skill needed to improve the quality of life by helping students to cope with and solve problems and make better decisions. The students will further explore the standard life skills of growth, development, and maturation; positive healthy lifestyles; high-risk lifestyles and disease prevention; and emergency procedures and first aid care.



## **INDIVIDUALIZED LIFETIME ACTIVITIES: SOCIAL DANCE (1041:8th) (1040:9th)**

**(7, 8, 9) SEM.**

**9<sup>th</sup> Grade: .5 High School Physical Education Credit**

This one semester co-ed dance class will concentrate on a variety of dance styles from traditional to popular forms. It includes ballroom, western styles, and dance of other cultures. Partner dancing will be the focus, but cooperative group projects will be included. Students will also be introduced to Social Dance etiquette. The beginning of class each day will involve a warm-up including cardiovascular and/or flexibility work.

## **PE 7 (1020)**

**(7) SEM./YR.**

**Required Course for all 7<sup>th</sup> Grade Students**

This is a one-semester class designed to develop lifetime attitudes regarding physical activity and healthy lifestyles. Emphasis will be on skill development, lifetime activity, attitudes, and fitness. Students may have the option of repeating this class as an elective. Students can repeat this class to have PE all year, however, the content does not change from one semester to the next. **Students are required to pay a uniform fee for this class.**

## **PE 8 (1021)**

**(8) SEM./YR.**

This course is designed to develop lifetime attitudes regarding physical activity, participation skills and techniques. This course also provides instruction aimed at improving and maintaining physical fitness and continuing team sports participation. Students can repeat this class to have PE all year, however, the content does not change from one semester to the next. Eighth and 9<sup>th</sup> grade PE classes are co-ed. **Students are required to pay a uniform fee for this class if they do not already have a uniform.**

## **PE SKILLS & TECHNIQUES 9 (1022)**

**(9) SEM.**

**9<sup>th</sup> Grade: .5 High School Physical Education Credit**

PE Skills and Techniques focuses on participation skills and techniques in a variety of team sports, individual sports, and games. Emphasis is on improving and maintaining physical fitness.

## **RELEASED TIME**

### **RELEASED TIME (LDS SEMINARY) (850)**

**(9) YR.**

***This class does not count for graduation credit.***

This course provides the study of the Church of Jesus Christ of Latter-day Saints religion. The release agreement for released time is conducted on a Ward basis. If you are taking seminary, you must include it as one of your classes on the registration sheet.

# SCIENCE

## BIOLOGY (6200)

(9) YR.

*9<sup>th</sup> Grade: 1.0 High School Science Credit*

**Recommended: "B+" or better in 8<sup>th</sup> Grade Math and Science and be proficient on end-of-level testing**

### Required Class or Equivalent

Fascinated by life on Earth? In Biology there are several major areas of study, which include: (1) Chemistry in Biology and the importance of understanding the relationship between Chemistry and Biology, (2) Levels of Organization, focusing on cells and cellular functions and moving through the major body systems, (3) Genetics, from DNA to genes to traits and genetic abnormalities, (4) Evolution and the genetic contribution to evolution, and finally (5) How organisms interact with their surroundings and what traits help them to survive. This class will be taught at a comparative level to those taught at the high school (10<sup>th</sup>-12<sup>th</sup> grade) and homework will be assigned **daily**. Students have a B+ or better in math and science in 8<sup>th</sup> grade and have a 3.0 GPA or better. This class qualifies as a lab-based science course for the Regents' Scholarship.

## EARTH SCIENCE (6300)

(9) YR.

*9<sup>th</sup> Grade: 1.0 High School Science Credit*

### Required Class or Equivalent

Ever wondered about how all the parts of the Earth work together or about the universe? Earth Systems Science is a course that explores the parts of the Earth and how they fit together. In this class students will learn about the atmosphere, the hydrosphere, the Earth's geology, and their effect on Earth's living things. Main topics of study include science process skills, astronomy, biodiversity, plate tectonics, freshwater, ocean dynamics, the atmosphere and weather, and earth's energy sources.

## SCIENCE 7 (6000)

(7) YR.

### Required Class or Equivalent

What makes up everything and how is it all put together? 7<sup>th</sup> Grade Integrated Science focuses on the theme of "structure." Attention is given to the understanding that all things, both living and non-living, are made of smaller parts and all things are part of a bigger "picture." Main topics in this course include science process skills, the structure and properties of matter, cell structure and function, genetics, and classification.

## SCIENCE 7 HONORS (6001)

(7) YR.

### Required Class or Equivalent

Seventh Grade Honors Integrated Science will focus on the same themes and objectives as traditional Seventh Grade Science. Students in this course will be further challenged to discover and achieve through increased creativity, rigor, inquiry, and reflection. For example, students will develop ideas through more inquiry-based learning activities such as asking questions and writing their own experimental procedures to find answers to those questions. Students will also use a science journal throughout the year to record observations, inferences, experimental designs, and conclusions. Honors students may also be required to complete a science fair project (with the option of competing in the district science fair). ***Honors classes are self-selected; however, we recommend that you read the "Indicators of Success" handout to help in the selection process.***

## **SCIENCE 8 (6100)**

**(8) YR.**

### **Required Class or Equivalent**

How do things change? Why do things change? 8<sup>th</sup> Grade Integrated Science focuses on the theme of “change.” Earth, physical and life sciences are integrated in a curriculum that allows students to understand the relationship between energy and changes in matter. Topics studied include science process skills, physical and chemical changes, energy changes in ecosystems, minerals, rocks, and fossil formation, and forces and motion.

## **SCIENCE 8 HONORS (6101)**

**(8) YR.**

### **Required Class or Equivalent**

Eighth Grade Honors Integrated Science will focus on the same themes and objectives as traditional eighth grade science. In this course, students will be further challenged to discover and achieve through inquiry-based learning activities such as asking questions and writing their own experimental procedures to find answers to those questions. Students will also use a science journal throughout the year to record observations, inferences, experimental designs, and conclusions. Honors students may also be required to complete a science fair project (with the option of competing in the district science fair). ***Honors classes are self-selected; however, we recommend that you read the “Indicators of Success” handout to help in the selection process.***

## **PHYSICS (6500)**

**(9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Science Credit***

**Recommended: “B+” or better in 8<sup>th</sup> Grade Math and Science and show proficiency at end-of-level testing**

This is a full year physics class in which students will get physics science credit. Concepts include Newtonian laws, gravitational and electrical forces, wave and harmonic motion, and thermodynamics. Having good mathematical skills especially in algebra and geometry is highly recommended. Although Physics is not considered advanced or honors at the high school, it will have an ‘Honor Feel’ here at the 9<sup>th</sup> grade level. This class qualifies as a lab-based science course for the Regents’ Scholarship.

## **SCIENCE/MATH/SOCIAL STUDIES ELECTIVES**

### **CIVICS (4531)**

**(7, 8) SEM.**

Civics students explore the structure of the United States Government and its workings. Students also investigate national and global issues like education, health care, immigration, politics, the economy, and other relevant topics. They will be involved in a Meet the Candidates Night for candidates running for office. The students will be involved in the We the People competition that takes place in February, just after first semester ends. The We the People competition is where the students show their understanding of the constitution and how it is applied today.

**CURRENT ISSUES: AMERICAN ISSUES (4532)****(9) SEM.*****9<sup>th</sup> Grade: .5 High School Elective Credit***

In this engaging course, students will examine all aspects of contemporary life, including entertainment, politics, technology, culture, media, and current issues, and much more. Students will evaluate topics and determine their importance to society, history, and to their own individual lives.

**DEBATE (4385)****(7, 8, 9) SEM.*****9<sup>th</sup> Grade: .5 High School Elective Credit***

This course will help train the student in debate techniques with focus given to methods of argumentation, persuasion, and logic required to be an effective debater and public speaker.

**MATH LAB (5905)****(7, 8, 9) SEM./YR.*****9<sup>th</sup> Grade: .5/1.0 High School Elective Credit***

Math Lab is a class where students can have extra time and extra help with their math. It will be taught by a teacher currently teaching the same grade level, but it may not be the same teacher the student has for math. It is intended for those who will work hard but may need extra time above and beyond the regular math class.

**NATIONAL ACADEMIC LEAGUE (NAL): STEM EXPLORATION (408)****(7, 8, 9) SEM.*****9<sup>th</sup> Grade: .5 High School Elective Credit***

The National Academic League is a class that combines competitiveness, strategy, teamwork, and cooperation in a group effort focusing on learning problem solving skills, critical thinking, and scholarship. In this class, students will cover game strategies as well as content from Math, English, Science, History, Geography, and Current Events. This class will prepare interested students for the NAL. Tryouts are in early November. Competitions against other Junior Highs are in early January and run through most of February. Students may take this class without being on the competition team.

**SCIENCE EXPLORATION: SCIENCE OF FOODS (6700)****(7, 8) SEM.**

This class will take a scientific approach to all aspects of food. Students will discover how food is grown, manufactured, processed, digested, handled, and cooked. Chemistry, biology, technology, ecology, history, health, and nutrition will all be combined to help students understand what, why, and how they eat. Cooking experiences and labs will be provided to help reinforce concepts taught.

**SOCIAL STUDIES ELECTIVE: MONEY MATTERS (4529)****(8, 9) SEM.*****9<sup>th</sup> Grade: .5 High School Elective Credit***

This fun course is designed as a pre-cursor to the Financial Literacy course offered to 11<sup>th</sup> and 12<sup>th</sup> graders. The course content is designed to help students understand how “money matters” and that personal financial literacy is key to one’s future financial success. This course will consist of activities related to setting goals, college prep, career planning, money management, budgeting, and the importance of saving.

## **WORLD GEOGRAPHY 2 (4525)**

**(9) YR.**

***9<sup>th</sup> Grade: .5 High School Social Studies Credit***

**Pre-requisite: World Geography 1**

Consists of the study of political geography, the geography of agriculture and industry, urban geography, and economic development.

## **SOCIAL STUDIES**

### **AP HUMAN GEOGRAPHY (4590)**

**(9) YR.**

***9<sup>th</sup> Grade: 1.0 High School Social Studies Credit/Possible College Credit***

**Recommended: "B+" or better in 8<sup>th</sup> Grade US History**

Advanced Placement (AP) Human Geography is a challenging course designed to utilize geographic processes to systematically study and understand spatial patterns that are evident in the world in which we all live. We will use spatial concepts and landscape-analysis to determine the patterns of human, social, and economic organization, and their environmental consequences. In order to better develop a local and world geographic perspective we will view a variety of landscapes in order to better understand current events. This course stresses analytical thought, research and study skills, as well as factual knowledge and the ability to relate places and events to broader themes. Although recall is essential, equally important is your ability to use critical and analytical thinking. You will use and develop these skills independently, as a team member, as a class member and with teacher guidance. We will also focus on building the writing skills and strategies required for success on the AP exam, and for college in general. We strive to successfully develop college-level reading, writing, research, and discussion skills. This is a COLLEGE-level and prep course, adapted for high school students. It is a challenging, invigorating, relevant, motivating, valuable, and an interesting course to take! **Passing the AP exam gives University credit. Students taking the class MUST take the exam. Fees apply for taking AP Exam.**

### **U.S. HISTORY 1 (4510)**

**(8) YR.**

**Required Course or Equivalent**

In this full-year course, students study the Pre-Columbian Era through the Old West. Special emphasis will be placed upon social, cultural, economic, and geographical factors. Current events are also addressed. Attention is given to developing skills necessary for a deeper understanding of the past and its connection to today's world.

## **U.S. HISTORY 1 HONORS (4514)**

**(8) YR.**

### **Required Course or Equivalent**

Honors U.S. History will focus on the same themes and objectives as the traditional 8th grade U.S. History course. Through written and verbal expression, students will be able to analyze and articulate their knowledge of U.S. History from Pre-Columbus through Westward Expansion. By using research methods and accessing primary sources, students will have the opportunity to study historical events, present a personal history and record an oral history. In addition, students will identify and discuss the relevance of contemporary issues to historical patterns. ***Honors classes are self-selected; however, we recommend you read the "Indicators of Success" handout to help in the selection process.***

## **UTAH STUDIES (4500)**

**(7) SEM.**

### **Required Course or Equivalent**

In this course, students are introduced to the significant events, people, cultures, and issues that have influenced the development of Utah and the Great Basin. The class also focuses on historical social, political, economic, and geographical factors. Students develop critical thinking skills and experience hands-on activities. Students also evaluate relevant current issues in Utah.

## **UTAH STUDIES HONORS (4504)**

**(7) YR.**

### **Required Course or Equivalent**

This course expands the mainstream course with individual and group research. Students delve into the depth and complexities that make up Utah's history and geography. Students develop higher levels of processing skills through discussions and the use of primary and other sources. Students demonstrate knowledge and skills through a variety of creative, critical, interpretive, and reflective assignments. Additionally, students assess current issues in Utah. The students will also be involved in the History Day Fair. This usually takes place in February. Students will be provided a study skills element in this course to learn about time management, organizational skills and be provided the opportunity to work on homework during the day. ***Honors classes are self-selected; however, we recommend you read the "Indicators of Success" handout to help in the selection process.***

## **WORLD GEOGRAPHY 1 (4520)**

**(9) YR.**

***9<sup>th</sup> Grade: .5 High School Social Studies Credit***

### **Required High School Course for Graduation or Equivalent**

An introduction to geography as a social science and the language of maps, a brief survey of physical geography, the study of global distribution and movement of populations, and cultural geography.

## NOTES:

## SPECIAL EDUCATION:

<b>SPECIAL EDUCATION COURSES ARE BY ADMIN./ COUNSELOR APPROVAL ONLY</b>	
<b>APPLIED LANGUAGE ARTS</b>	
<b>4010</b>	Applied English 7
<b>4040</b>	Applied English 8
<b>4065</b>	Applied English 9
<b>4000</b>	English 7 Read 180
<b>4225</b>	Read 180 Lab
<b>APPLIED MATH</b>	
<b>5015</b>	Applied Math 7
<b>5020</b>	Applied Math 7 Lab
<b>5115</b>	Applied Math 8
<b>5102</b>	Applied Math 8 Lab
<b>5210</b>	Applied Secondary Math I
<b>5202</b>	Applied Secondary Math 1 Lab
<b>5000</b>	Math 7 w/lab TM
<b>5905</b>	Math 7 Lab TM
<b>5100</b>	Math 8 w/lab TM
<b>5905</b>	Math 8 Lab TM
<b>5200</b>	Secondary Math I w/lab TM
<b>5905</b>	Secondary Math I Lab TM
<b>APPLIED SKILLS</b>	
<b>4205</b>	Applied English Lab 7/8: McEwan
<b>4210</b>	Applied English Lab 9/12: McEwan
<b>503</b>	Applied Skills
<b>503</b>	Applied Skills LA 7
<b>503</b>	Applied Skills LA 8
<b>503</b>	Applied Skills LA 9
<b>511</b>	Social Skills
<b>LEARNING CENTER</b>	
<b>507</b>	Adaptive Learning Skills
<b>Varies</b>	EE English
<b>Varies</b>	EE Math
<b>Varies</b>	EE Science
<b>Varies</b>	EE Social Studies
<b>MISCELLANEOUS CODES/COUNSELOR USE ONLY</b>	
<b>400</b>	Cub Skills Homework
<b>400</b>	Cub Skills Remediation
<b>600</b>	Home Release