

CENTRAL DAVIS JR. HIGH

COURSE DESCRIPTIONS CATALOG
2020-2021

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 6th 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

Table of Contents

APPLICATION AND AUDITION COURSES	6
CHEERLEADERS (221)	6
COUNSELOR ASSISTANT (212)	6
JOURNALISM (4345).....	6
LIBRARY MEDIA SKILLS AIDE (215)	6
OFFICE ASSISTANT (210)	6
PEER LEADERSHIP: LATINO’S IN ACTION (LIA) (214)	7
PEER SUPPORT: HOPE SQUAD (216)	7
PEER TUTOR-CLASSROOM STUDENT MENTOR-GENERAL EDUCATION (213)	7
PEER TUTOR-SPECIAL EDUCATION (213)	7
STUDENT GOVERNMENT (220)	7
TEACHER ASSISTANT (211).....	8
ELECTIVE COURSES (MISC.)	8
RELEASED TIME (LDS SEMINARY) (810)	8
SCIENCE EXPLORATION THE SCIENCE OF FOODS (6700)	8
STEM EXPLORATION: MICROSOFT HACKING STEM (6600).....	8
INDIVIDUALIZED LIFETIME ACTIVITIES: SOCIAL DANCE: (BOYS/GIRLS) (1041)	8
STEM EXPLORATION: NATIONAL ACADEMIC LEAGUE (NAL) (408).....	9
STUDY SKILLS/HOMEWORK: MOCK TRIAL (400).....	9
STUDY SKILLS/HOMEWORK (400)	9
FAMILY CONSUMER SCIENCE (FCS)/ CAREER & TECHNICAL EDUCATION (CTE)	9
BUSINESS DIGITAL LITERACY (7537)	9
CHILD DEVELOPMENT (7410).....	9
COLLEGE & CAREER AWARENESS FCS/Business/Technology - Trimester Rotation (7050)	10
COMPUTER SCIENCE (7760).....	10
CREATIVE CODING 1 (7743).....	10
CREATIVE CODING 2 (7744).....	10
EXPLORING TECHNOLOGY 1: 7th Grade (7810)	11
EXPLORING TECHNOLOGY 1: 8th Grade (7810)	11
FCS INTEGRATED (7403).....	11
FCS EXPLORATION A: SIM (Sewing, Interior Design, Marketing) (7404).....	12

FCS EXPLORATION B: CCHM (Cooking, Childcare, Human Services, Marketing) (7405)	12
INTERIOR DESIGN (7445)	11
FOOD AND NUTRITION 1 (7460)	12
ENGINEERING PRINCIPLES 1 (7815)	12
ENGINEERING PRINCIPLES 2 (7816)	12
INTRO TO ENGINEERING TECH 2: CAD Design (7822)	13
INTRO TO ENGINEERING TECH 1: VEX ROBOTICS TEAM (7820)	13
INTRO TO MANUFACTURING TECH 1 (7825)	13
INTRO TO TECHNOLOGY 1: DESIGN AND MODELING (7810)	13
INTRO TO TECHNOLOGY 1: TSA (TECHNOLOGY STUDENT ASSOCIATION (7820)	13
KEYBOARDING APPLICATIONS (7552)	13
FINE ARTS	14
3D DESIGN 1 (2118)	14
ART FOUNDATIONS 1AA (2101)	14
ART FOUNDATIONS 1BB (2101)	14
ART 1A 2-D (2102)	14
ART 1B 2-D - PRINTMAKING (2103)	14
ART FOUNDATIONS LEVEL2: ADVANCED PRINTMAKING (2105)	14
ART FOUNDATIONS LEVEL 2: Freshman Art (2105)	15
ART FOUNDATIONS LEVEL 2 HONORS: STUDIO ART (2106)	15
BAND LEVEL 1: BRASS (2204)	15
BAND LEVEL 1: PERCUSSION 1 (2206)	15
BAND LEVEL 1: WOODWIND (2205)	15
BAND LEVEL 2: CONCERT BAND (2210)	15
BAND LEVEL 2: PERCUSSION (2213)	16
BAND LEVEL 2: JAZZ BAND (2214)	16
CHOIR LEVEL 1 S/A (Soprano/Alto) GIRLS CHOIR (2304)	16
CHOIR LEVEL 1 T/B (Tenor/Bass) BOYS CHOIR (2305)	16
CHOIR LEVEL 2: CENTRAL HARMONY (2307)	17
CHOIR LEVEL 2: CUB CHOIR (2307)	17
CHOIR LEVEL 3: CENTRAL SINGERS (2310)	17
MUSIC EXPLORATION (2316)	17
ORCHESTRA LEVEL 1 (2405)	17
ORCHESTRA LEVEL 1 LAB (400)	18
ORCHESTRA LEVEL 2: ADVANCED ORCHESTRA (2406)	18

PAINTING 1 (2107)	18
THEATER LEVEL 1 (2502)	18
THEATER LEVEL 2 (2503)	18
THEATER LEVEL 2: PRODUCTION (2503)	18
FOREIGN LANGUAGE	19
SPANISH 1 (3110)	19
SPANISH 2 (3120)	19
SPANISH 3 (3182)	19
SPANISH FOR SPANISH SPEAKERS (3190)	19
LANGUAGE ARTS	19
CREATIVE WRITING 1 (4335)	19
CREATIVE WRITING 2: POETRY (4340)	20
ENGLISH 7 (4000)	20
ENGLISH 7 HONORS (4005)	20
ENGLISH 8 (4030)	20
ENGLISH 8 HONORS (4035)	20
ENGLISH 9 (4055)	20
ENGLISH 9 HONORS (4060)	20
LITERATURE SURVEY: NOVELS (4270)	21
LITERATURE SURVEY: CINEMA (4275)	21
READ 180 (7-8) READING 180 7TH (4225)	21
MATHEMATICS	21
MATH 7/W LAB (5000)	21
MATH LAB 7 (5905)	21
MATH 7 HONORS (5005)	22
MATH 7/8 ACCELERATED—HONORS ACCELERATED (5010)	22
MATH 7/8 ACCELERATED-HONORS LAB (5905)	22
MATH 8 W/ LAB (5100)	22
MATH 8 LAB (5905)	22
MATH 8 HONORS (5105)	22
SECONDARY MATH I (5200)	22
SECONDARY MATH I W/ LAB (5200)	23
SECONDARY MATH I LAB (5905)	23
SECONDARY MATH I HONORS (5205)	23
SECONDARY MATH II HONORS (5300)	23

PHYSICAL EDUCATION & HEALTH	24
PE 7 BOYS, PE 7 GIRLS (1020).....	24
PE 8 (BOYS/GIRLS) (1020).....	24
PE SKILLS & TECHNIQUES 9 (BOYS/GIRLS) (1022).....	24
TEAM CONDITIONING (BOYS/GIRLS) (1021) (1050).....	24
HEALTH EDUCATION 1 (1000).....	24
SCIENCE	25
AP ENVIRONMENTAL SCIENCE (6330).....	25
AP ENVIRONMENTAL SCIENCE LAB (405).....	25
BIOLOGY (6200).....	25
EARTH SCIENCE (6300).....	25
SCIENCE 7 (6000).....	26
SCIENCE 7 HONORS (6001).....	26
SCIENCE 8 (6100).....	26
SCIENCE 8 HONORS (6101).....	26
PHYSICS WITH TECHNOLOGY (6503).....	26
OCEANOGRAPHY/MARINE BIOLOGY (6264).....	26
SOCIAL STUDIES	27
AP HUMAN GEOGRAPHY (6590).....	27
AP HUMAN GEOGRAPHY LAB (4527).....	27
CIVICS (4532).....	27
CURRENT ISSUES: AMERICAN ISSUES (4531).....	28
CURRENT ISSUES: MONEY MATTERS (4531).....	28
WORLD GEOGRAPHY (4520).....	28
FOSSUS: UTAH STUDIES (4500).....	28
FOSSUS: UTAH STUDIES HONORS (4504).....	28
U.S. HISTORY 1 (4510).....	29
U.S. HISTORY 1 HONORS (4514).....	29

APPLICATION AND AUDITION COURSES

CHEERLEADERS (221)

(8, 9) SEM.

Tryouts Required

Fees Apply, Tryouts are in the Spring

COUNSELOR ASSISTANT (212)

(8, 9) SEM./YR.

By Application/Academic Pre-Requisite 3.0 G.P.A.; No "D's", "F's", "N's", or "U's"

9th Grade .5/1.0 Elective High School Credit

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 class gives elective credit but DOES NOT count in the GPA. It is a Pass/Fail class.

JOURNALISM (4345)

(8, 9) YR.

By Application Only

9th Grade 1.0 Elective High School Credit

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.

LIBRARY MEDIA SKILLS AIDE (215)

(8, 9) SEM.

By Application Only

9th Grade .5 Elective High School Credit

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.

By Application/Academic Pre-requisite 3.0 G.P.A.; No "N's", "U's", "D's", or "F's"

9th Grade .5/1.0 Elective High School Credit Respectively

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 class gives elective credit but DOES NOT count in the GPA (graded Pass/Fail).***

PEER LEADERSHIP: LATINO'S IN ACTION (LIA) (214)

(8, 9) SEM./YR.

9th Grade .5/1.0 Elective High School Credit Respectively

By Application; Maintain a 2.0 G.P. A; No "D's", "F's", "N's", or "U's"

Peer Leadership/LIA is a class deigned 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.

PEER SUPPORT: HOPE SQUAD (216)

(8, 9) SEM./YR,

9th Grade .5/1.0 Elective High School Credit Respectively

By Application; Maintain a 2.0 G.P. A; No "D's", "F's", "N's", or "U's"

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-CLASSROOM STUDENT MENTOR-GENERAL EDUCATION (213)

(8, 9) SEM./YR.

By Application: No "D's", "F's", "N's", or "U's"; 3.0 GPA

9th Grade .5/1.0 Elective High School Credit

This class, under the direction of the General Education teacher, will work with students to assist them with their school work in a general education classroom. 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 Department.

PEER TUTOR-SPECIAL EDUCATION (213)

(8, 9) SEM./YR.

By Application; No "D's", "F's", "N's", or "U's"

9th Grade .5/1.0 Elective High School Credit

Students, under the direction of the special education teacher, will work with students with disabilities one-on-one to assist them with their school work either in the Essential Elements classroom or in a regular ed. 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.

STUDENT GOVERNMENT (220)

(7, 8, 9) YR.

By Election; No "D's", "F's", "N's", or "U's"

9th Grade 1.0 Elective High School Credit

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 7th 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.

By Application/Academic Pre-requisite 3.0 G.P.A.; No "D's", "F's", N's", or "U's"

9th Grade .5/1.0 Elective High School Elective (Pass/Fail) Credit; DOES NOT count toward GPA

Students interested in assisting teachers with various projects (i.e. grading papers) must complete an application. Excellent attendance, grades and citizenship are required.

ELECTIVE COURSES (MISC.)

RELEASED TIME (LDS SEMINARY) (810)

(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 EXPLORATION: THE 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. ***Class Fees Apply.***

STEM EXPLORATION: MICROSOFT HACKING STEM (6600)

(7, 8, 9) SEM.

9th Grade .5 Elective Credit

This course provides students with an exciting opportunity to utilize project-based activities and engage in true hands on learning to learn about the world around them. Students in this class will be motivated to wonder about the world, make sense of how things work and solve some hard problems in a collaborative environment. Students will then translate their projects into a computer-based simulation to see how scientist and engineers work together to discover how to solve environmental and social problems. This course is **not** a computer hacking/programming course. ***Class Fees Apply.***

INDIVIDUALIZED LIFETIME ACTIVITIES: SOCIAL DANCE: (BOYS/GIRLS) (1041)

(7, 8) SEM

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 uniforms are worn for this class. Class fees apply.

STEM EXPLORATION: NATIONAL ACADEMIC LEAGUE (NAL) (408)

(7, 8, 9) SEM.

9th Grade .5 Elective High School 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.

STUDY SKILLS: MOCK TRIAL (400)

(8, 9) SEM.

.5 For 9th Grade Elective High School Credit

This class is designed to prepare students to participate in mock trials using real cases. The course will emphasize research methods, public speaking and writing skills, as well as an understanding of the legal system and use of that knowledge in a court setting. Two trials throughout the semester are a mandatory part of this class. Grading will be based on tests and quizzes, writing assignments, and participation in mock trials in class. For those students interested in competing on the extra-curricular competition team, this class is not mandatory; however, knowledge and experience gained in this class will be an asset in being considered for the competition team.

STUDY SKILLS/HOMEWORK (400)

(8, 9) SEM./YR.

9th Grade .5/1.0 High School Elective Credit

In this class, students will focus on time management, organization and student success skills presented as a short daily lesson. Thereafter, students are expected to come prepared to work on homework, complete missing assignments or have a book to read each class day.

FAMILY & CONSUMER SCIENCE (FCS)/ CAREER & TECHNICAL EDUCATION (CTE)

BUSINESS DIGITAL LITERACY (7537)

(7 & 8) SEM.

Required before entering 9th 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. ***Class Fees Apply.***

CHILD DEVELOPMENT (7410)

(9) SEM.

9th Grade .5 CTE High School 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. ***Class Fees Apply.***

COLLEGE & CAREER AWARENESS FCS/Business/Technology - Trimester Rotation (7050)

(7) YR.

Required 7th 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. ***Class Fees Apply.***

COMPUTER SCIENCE (7760)

(9) SEM.

9th Grade .5 Digital Studies High School 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.

CREATIVE CODING 1 (7743)

(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, and videos! 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! ***Class Fees Apply***

CREATIVE CODING 2 (7744)

(7,8) SEM.

Students who enjoyed Creative Coding 1, will really love Creative Coding 2. Students will take their coding knowledge to the next level by using actual coding languages to create and enhance gaming programs. Students will learn to be experts in controlling their game objects and managing the game flow. Join the class for an engaging and fun computer science experience.

EXPLORING BUSINESS AND MARKETING (7548)

(7, 8, 9) 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! ***Class Fees Apply.***

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. ***Class Fees Apply.***

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. ***Class Fees Apply.***

EXPLORING TECHNOLOGY 2: TECHNOLOGY STUDENT ASSOCIATION (TSA)

(7,8,9) SEM.

The Technology Student Association (TSA) enhances personal development, problem solving skills, leadership, and career opportunities in STEM. Students apply and integrate these concepts through activities, competitions, and related programs. In this class students will research, design, and build projects based on the competitions for National TSA using engineering, science and math. This class will prepare interested students to compete in the State TSA competition. It is expected that each student will be able to complete multiple projects during this class. Students may take this class without being on the competition team for the State TSA competition. ***Class Fees Apply.***

EXPLORING TECHNOLOGY VEX ROBOTICS (7811)

(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 pre0-requisite for the Exploring Tech 2: VEX Robotic Team class. ***Class Fees Apply.***

EXPLORING TECHNOLOGY VEX ROBOTICS TEAM (7811)

(8) SEM.

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. This class will be limited to 28-32 students which will be selected by application.

FCS INTEGRATED (7403)

(7) SEM.

FCS Integrated is a comprehensive course set up to learn about the different areas of Family and Consumer Sciences (FCS). This course provides students the opportunity to learn essential life skills. In this class, your

student will get to participate in learning activities in the following areas: Interior Design, Fashion Strategies, Sewing and Textiles. ***Class Fees Apply.***

FCS EXPLORATION A: SIM (Sewing, Interior Design, Marketing) (7404)

(8) SEM.

This course provides students the opportunity to learn essential life skills. It allows them the opportunity to develop skills in interior design, clothing construction and style, textiles, consumerism, free enterprise, and job-related tasks. ***Class Fees Apply.***

FCS EXPLORATION B: CCHM (Cooking, Childcare, Human Services, Marketing) (7405)

(8) SEM.

This course provides students the opportunity to learn essential life skills. It allows them the opportunity to develop skills in food and nutrition, childcare, family relationships, personal responsibility, consumerism, free enterprise, and job-related tasks. ***Class Fees Apply.***

FOOD AND NUTRITION 1 (7460)

(9) SEM.

9th Grade .5 CTE High School Credit

This course is designed to provide individuals with an understanding of the principles of nutrition and their relationship to healthy life styles. 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. ***Class Fees Apply.***

INTERIOR DESIGN (7445)

(9) SEM.

9th Grade .5 CTE High School 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.

ENGINEERING PRINCIPLES 1 (7815)

(9) YR. 9th Grade .5 CTE High School Credit

The first of a two-part “hands-on” foundational engineering design course that will introduce basic problem-solving skills. This course will tie observations research, technology, science and mathematical concepts and skills to design, test and analyze engineering projects. Students will participate as engineers in Environmental, Civil Engineering, Mechanical Engineering, Electrical Engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities. ***Class Fees Apply.***

ENGINEERING PRINCIPLES 2 (7816)

(9) SEM. *Pre-requisite of Engineering Principles 1*

9th Grade .5 CTE High School Credit

The second of a two-part “hands-on” foundational engineering design course that will introduce basic problem-solving skills. This course will tie observations research, technology, science and mathematical concepts and skills to design, test and analyze engineering projects. Students will participate as engineers in Material Science, Chemical Engineering,

Bioengineering, and Computer Science. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attitudes that impact and expand occupational opportunities. Class Fees Apply.

INTRO TO ENGINEERING TECH 2: CAD Design (7822)

(9) YR.

9th Grade .5 CTE High School Credit

In this class students will learn about designing and drafting using the Computer-Aided Design (CAD) software. This course will prepare individuals to develop technical knowledge needed to plan and prepare a drawing for both mechanical parts and drawings and architectural home designs. This class will include instruction in the use of CAD software, sketching and dimensioning.

INTRO TO ENGINEERING TECH 1: VEX ROBOTICS TEAM (7820)

(9) YR.

9th Grade .5 CTE High School Credit

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. This class will be limited to 28-32 students which will be selected by application.

INTRO TO MANUFACTURING TECH 1 (7825)

(9) SEM.

9th Grade .5 CTE High School 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. Class Fees Apply. ***Class Fees Apply.***

INTRO TO TECHNOLOGY 1: DESIGN AND MODELING (7810)

(7, 8) SEM.

Project Lead the Way Design and Modeling is a class that 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. ***Class Fees Apply.***

KEYBOARDING APPLICATIONS (7552)

(7, 8) SEM.

Highly Recommended Course for students who type less than 25 w.p.m.

In the beginning semester of Keyboarding 1, the student will master touch operation on a computer keyboard. Correct fingering by touch and good techniques will receive primary emphasis; speed and accuracy will be given secondary emphasis. The fourth-row numbers and symbols and 10-key pad will also be taught. The student will use basic word processing functions on a variety of document types. The Utah State Board of Education requires a speed of 35 w.p.m. 1st term and 45 w.p.m. 2nd term with 8 or fewer errors. ***Class Fees Apply.***

FINE ARTS

3D DESIGN 1 (2118)

(9) SEM.

Pre-requisite: Art 1 & 2

9th Grade .5 High School Fine Art Credit

3-D 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. ***Class Fees Apply.***

ART FOUNDATIONS 1AA (2101)

(7,8) SEM.

Do you want to learn to draw? Do you like to draw? Would you like to get better? Art 1A 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 1A is an introductory art class with a completely different emphasis on approaching art history and fundamentals from Art 1B. Students can take both classes for a diverse experience. ***Class Fees Apply.***

ART FOUNDATIONS 1BB (2101)

(7, 8) SEM.

Art I is an introductory course offering instruction in a variety of art media, concentrating on basic concepts and principles of art. Art I 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 1B is an introductory art class with a completely different emphasis on approaching art history and fundamentals from Art 1A. Students can take both classes for a diverse experience. ***Class Fees Apply.***

ART 1A 2-D (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. ***Class Fees Apply.***

ART 1B 2-D - 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. ***Class Fees Apply.***

ART FOUNDATIONS LEVEL2: ADVANCED PRINTMAKING (2105)

(9) SEM.

9th Grade .5 High School Fine Art Credit; Pre-requisite: Art 1A 2D 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. ***Class Fees Apply.***

ART FOUNDATIONS LEVEL 2: Freshman Art (2105)

(9) SEM.

9th 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. ***Class Fees Apply.***

ART FOUNDATIONS LEVEL 2 HONORS: STUDIO ART (2106)

(9) YR.

9th Grade 1.0 High School Fine Art Credit

By Teacher Invitation Only

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. Participants must be referred to this class by their art teacher. ***Class Fees Apply.***

BAND LEVEL 1: BRASS (2204)

(7, 8, 9) YR.

9th 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 LEVEL 1: PERCUSSION 1 (2206)

(7, 8, 9) YR.

9th 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 LEVEL 1: WOODWIND (2205)

(7, 8, 9) YR.

9th 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 LEVEL 2: CONCERT BAND (2210)

(8, 9) YR.

Pre-requisite: Band Level 1

9th Grade 1.0 High School Fine Art Credit

This class is a band performance class for 2nd 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 LEVEL 2: PERCUSSION (2213)

(8, 9) YR.

Pre-requisite: Beginning Percussion

9th Grade 1.0 High School Fine Art Credit

This class is for students who have completed Percussion 1. 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 LEVEL 2: JAZZ BAND (2214)

(8, 9) YR.

9th Grade 1.0 High School Arts Credit; Required with concurrent enrollment in Band 2 or 3.

This is an audition based course for any student who have 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 LEVEL 3: SYMPHONIC BAND (2220)

(8, 9) YR.

Pre-requisite: Band Level 2

9th Grade 1.0 High School Fine Art Credit

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 LEVEL 1 S/A (Soprano/Alto) GIRLS CHOIR (2304)

(7, 8, 9) SEM.

Girls – Soprano/Alto (S/A)

9th 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 LEVEL 1 T/B (Tenor/Bass) BOYS CHOIR (2305)

(7, 8, 9) SEM.

Boys-Tenor/Bass (T/B)

9th 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 LEVEL 2: CENTRAL HARMONY (2307)

(8, 9) YR.

Pre-requisite: Audition Selection

9th Grade 1.0 High School Fine Art Credit

Central Harmony is our intermediate auditioned choir here at Central. Student must be in 8th or 9th 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 9th grade once accepted during 8th grade. Class Fees Apply.***

CHOIR LEVEL 2: CUB CHOIR (2307)

(8, 9) YR.

Pre-requisite: Choir Level 1

9th Grade 1.0 High School Fine Art Credit

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. ***Class Fees Apply.***

CHOIR LEVEL 3: CENTRAL SINGERS (2310)

(8, 9) YR.

Pre-requisite: Audition selection

9th Grade 1.0 High School Fine Art Credit

Central Singers requires students to audition. Most singers will do this in the chorus class they are in during 8th grade. 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. There is a ***\$50.00 required fee for performance outfits***. This class emphasizes ensemble performance, musical styles, historical periods, choral literature. Extra performances may be required. Some extremely gifted 8th grade singers may be placed into this group by the choir teacher. ***Central Singers students do not need to re-audition to take this class in 9th grade once accepted during 8th grade. Class Fees Apply.***

MUSIC EXPLORATION (2316)

(7, 8) SEM

Music Exploration includes concepts and skills to integrate music into everyday life. Study will include explorations in creating, experiments with singing/playing/reading, development of analytical and evaluative skills in music listening, investigations of various purposes of music and inquire into music's impact on culture, history, quality of life, and other subject areas. ***Class Fees Apply.***

ORCHESTRA LEVEL 1 (2405)

(7, 8) YR.

Attention: Taken in conjunction w/ Orchestra Level 1 Lab

This class is for students who have completed one year of orchestra in the 6th 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 1st and 3rd 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 8th & 9th grade students). ***Class Fees Apply.***

ORCHESTRA LEVEL 1 LAB (400)

(7, 8) YR.

Requirement: Taken in conjunction w/ Orchestra Level 1

This class is for students who are taking Orchestra Level 1. Students will have Orchestra every day. It will show in the schedule as Orchestra Level 1 on A-day's & Orchestra Level 1 Lab on B-day's. ***Class Fees Apply.***

ORCHESTRA LEVEL 2: ADVANCED ORCHESTRA (2406)

(8, 9) YR.

Pre-requisite: Orchestra Level 1

9th Grade 1.0 High School Fine Art Credit

This class is for 8th grade students who have completed 6th & 7th grade beginning orchestras. 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.

Pre-requisite: Art 1 & 2

9th 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. ***Class Fees Apply.***

THEATER LEVEL 1 (2502)

(7, 8, 9) SEM.

9th Grade .5 High School Fine Art Credit

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

THEATER LEVEL 2 (2503)

(8, 9) SEM.

Pre-requisite: Theater 1

9th Grade .5 High School Fine Art Credit

There are two basic goals in theater education; finding meaning in works of theater art though the study and skill development of theater techniques in the creation of that theater art. To these concepts, this course adds depth, as well as, breadth though 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 Theater 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 theater 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.

THEATER LEVEL 2: PRODUCTION (2503)

(9) SEM.

Pre-requisite: Theater 2

9th Grade .5 High School Fine Art Credit

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. Theater history and the basics of playwriting will also be covered.

FOREIGN LANGUAGE

SPANISH 1 (3110)

(7, 8, 9) YR.

9th 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)

(7, 8, 9) YR.

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

9th Grade 1.0 High School Elective Credit

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 (3182)

(8, 9) YR.

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

9th Grade 1.0 High School Elective Credit

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.

SPANISH FOR SPANISH SPEAKERS (3190)

(7, 8, 9) YR.

Spanish for Spanish speakers is designed for intermediate to advanced language speakers. The class will be focused on conversation of various topics including current events and literature. The class will also be focused on expanding reading and writing skills in Spanish.

LANGUAGE ARTS

CREATIVE WRITING 1 (4335)

(7, 8) SEM.

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: POETRY (4340)

(8, 9) SEM.

9th Grade .5 High School Elective Credit

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.

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 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 that you read the "Indicators of Success" handout to help in the selection process.***

ENGLISH 9 (4055)

(9) YR.

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.

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 that you read the “Indicators of Success” handout to help in the selection process.***

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.

LITERATURE SURVEY: CINEMA (4275)

(9) SEM.

9th Grade .5 Elective High School Credit

This class is designed to help students develop analytical skills as they perform one of their most beloved tasks: watching film of any kind. We look at the techniques and skill that go into making a movie, but most specifically engage in many different writing explorations as students practice developing an appreciation for the translation process behind making a book into a film. While not ever watching ONE film start to finish, we look at different clips that help students learn what jobs people making a movie might have, different strategies used to help the audience reach the intended message and illustrate the book to movie translation. It is important that students come to class with a desire to read and think critically about what it is they watch. Done properly, they leave the class with an enhanced ability to ‘read’ and analyze every piece of film they’ll see in the future, becoming more intelligent consumers of media in any form.

READ 180 (7-8) READING 180 7TH (4225)

(7) YR.

By Counselor Approval Only

This course is a research-based intervention program designed to address the gaps and needs of below grade-level readers. Students’ reading comprehension skills will be enhanced as they learn and practice specific skills and strategies. The READ 180 curricula is combined with the English 7 curriculum. 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.

MATHEMATICS

MATH 7/W LAB (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.

MATH LAB 7 (5905)

(7) YR.

This class is taken in conjunction with Math 7 /w Lab.

MATH 7 HONORS (5005)

(7) YR.

Required Class or Equivalent

The Grade 7 Mathematics Honor Course will cover the four critical areas listed in the Grade 7 Mathematics Course and add extra topics that would interest an advanced middle school student. Concepts will be explored to a 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.***

MATH 7/8 ACCELERATED—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 7th grade Math Honors Accelerated course.

MATH 8 W/ LAB (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 LAB (5905)

(8) YR.

Required class to be taken in conjunction with Math 8 w/ Lab.

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.

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 W/ LAB (5200)

(9) YR.

Required High School Course or Equivalent. This class is by teacher recommendation (only about 50 students)

The Secondary Mathematics I w/ Lab (ninth grade core) provides students the opportunity to have Math both A & B-days to 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 LAB (5905)

(9) YR.

Required with Secondary Math I w/ Lab

1.0 High School Elective Credit

SECONDARY MATH I HONORS (5205)

(9) YR.

Required Class 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. ***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 (5300)

(9) YR.

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 7th grade and Secondary Math I Honors in 8th grade will take this class in 9th 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

PE 7 BOYS, PE 7 GIRLS (1020)

(7) SEM./YR.

Required Course

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 \$10 uniform fee for this class.***

PE 8 (BOYS/GIRLS) (1020)

(8) SEM./YR.

Required Course

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 9th grade PE classes are co-ed. ***Students are required to pay a \$5 equipment fee for this class.***

PE SKILLS & TECHNIQUES 9 (BOYS/GIRLS) (1022)

(9) SEM.

9th Grade .5 High School Physical Education Credit

One and one-half PE credit is required for High School graduation. PE Skills and Techniques is a *highly recommended* 9th grade class which provides 9th grade students the opportunity to earn .5 PE credit towards high school graduation. Completion of this 9th grade class will provide students more room in his/her high school schedule when completed during the 9th grade year. It 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. Eighth and 9th grade PE classes are co-ed. ***Students are required to pay a \$5 equipment fee for this class.***

TEAM CONDITIONING (BOYS/GIRLS) (1021) (1050)

(8, 9) SEM.

9th Grade .5 High School Physical Education Credit

Team Conditioning is designed to introduce students to an "overall" conditioning program consisting of: Strength Training, Speed and Agility Training, Cardiovascular Training, Flexibility, Coordination, Balance and Running. These activities will be implemented into a daily class routine. The goal of the class is to have each student feel and see the results of following the routine and to *have the knowledge and desire* to follow a similar program of their own on a lifetime basis. To take this class a student must be in eighth or ninth grade and be a student athlete. ***Students are required to pay a \$5 equipment fee for this class.***

HEALTH EDUCATION 1 (1000)

(8) SEM.

Required Course for all 8th 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

SCIENCE

AP ENVIRONMENTAL SCIENCE (6330)

(9) YR.

It is recommended a student have a "B+" or better in 8th Grade Math and Science and be proficient on end-of-level testing.

9th Grade 1.0 High School Science Credit

Attention: Required with AP Environmental Science Lab

9th Grade 1.0 High School Science Credit/Possible College Credit

This course is a full year course that examines a variety of natural sciences (ecology, chemistry, biology, geography) and several social sciences (economics, politics, ethics). This is a class designed for science and non-science students alike. AP Environmental Science is a college level course for students who have above-average study skills and the desire to change the world within which they live. This course is designed to fully acquaint students with an understanding of many topics (local and national) and subjects within the environmental science field and provide them with many opportunities to apply their environmental science knowledge and understanding to their daily lives. This course is designed to promote environmental science literacy so that students will be better prepared to make decisions about issues that impact the environment. Additional course objectives include establishing and building in every student a sense of stewardship for the environment and illustrating, throughout the course, that one person can make a difference. **Passing the required AP exam gives University credit. Class Fees Apply.**

AP ENVIRONMENTAL SCIENCE LAB (405)

(9) YR.

Attention: Required with AP Environmental Science

9th Grade 1.0 Elective High School Credit

This class is a required class when a student enrolls in AP Environmental Science. **Class Fee only. No separate lab fee.**

BIOLOGY (6200)

(9) YR.

It is recommended a student have a "B+" or better in 8th Grade Math and Science and be proficient on end-of-level testing.

9th Grade 1.0 High School Science Credit

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 (10th-12th grade) and homework will be assigned **daily**. Students have a B+ or better in math and science in 8th 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.

1.0 High School Science Credit

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? 7th 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? 8th 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 WITH TECHNOLOGY (6503)

(9) YR.

It is recommended a student have "B+" or better in 8th Grade Math and Science and show proficiency at end-of-level testing.

9th Grade 1.0 High School Science Credit

1.0 High School Science or Technology Credit

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. There is also a CTE component that accompanies and is unique only to this Physics course. A CTE skills assessment (practicum) is administered throughout the year when students will demonstrate their ability to design a physics lab and record measurable data within acceptable error. Having good mathematical skills especially in algebra and geometry is highly recommended. Although Physics with Technology is not considered advanced or honors at the high school, it will have an 'Honor Feel' here at the 9th grade level. This class qualifies as a lab-based science course for the Regents' Scholarship.

OCEANOGRAPHY/MARINE BIOLOGY (6264)

(9) YR. *It is recommended this course be used toward a 4th year Science for NCAA or Collegebound students.*

Students in this course will use a variety of learning practices including hands on activities and labs, projects, discussions, research and utilizing technology to explore the Ocean Literacy Principles. The first semester of this class will be focused on oceanography and will cover topics including: marine exploration, ocean chemistry, currents, ocean floor geology and physical processes in the ocean. The second semester of this course will be focused on biological components of the ocean and will cover topics including: the evolution of ocean life, ocean environments and ecosystems, marine plants and marine animals. This course will have an emphasis on current issues surrounding our oceans.

SOCIAL STUDIES

AP HUMAN GEOGRAPHY (6590)

(9) YR.

It is recommended a student have "B+" or better in 8th Grade US History.

1.0 High School Social Studies Credit

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.

AP HUMAN GEOGRAPHY LAB (4527)

(9) YR.

Attention: A required class when a student enrolls in AP Human Geography

1.0 Elective Social Studies High School Credit

This is a required class for students who enroll in the AP Human Geography class.

CIVICS (4532)

(8, 9) SEM.

9th Grade .5 Elective Credit

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 (4531)

(8, 9) SEM.

9th Grade.5 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.

CURRENT ISSUES: MONEY MATTERS (4531)

(8, 9) SEM.

9th Grade.5 Elective Credit

This fun course is designed as a pre-cursor to the Financial Literacy course offered to 11th and 12th 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, the importance of saving, and much more.

WORLD GEOGRAPHY (4520)

(9) YR.

Required High School Course for Graduation or Equivalent

Students investigate the interrelationships between our physical and cultural worlds. Students assess how geography influences human behavior and the role it plays in the economic, political, social, cultural, and historical development of places around the world. Students develop geographic skills to analyze current world issues. Most students take World Geography as a full-year course to become a more informed citizen of the world and to continue necessary academic rigor in preparation for standardized testing. For high school graduation, only a semester is required; however, Central Davis Jr. High does not offer a semester Geography class.

FOSSUS: UTAH STUDIES (4500)

(7) YR.

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. 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.

FOSSUS: 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.***

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) SEM.

Required Course or Equivalent

Honors US History will focus on the same themes and objectives as the traditional 8th grade US 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.***

NOTES:

SPECIAL EDUCATION COURSES ARE BY ADMIN./ COUNSELOR APPROVAL ONLY	
APPLIED LANGUAGE ARTS	
Applied Language Arts 7	
Applied Language Arts 8	
Applied Language Arts 9	
Applied Reading 7-8	
Applied Reading 9-12	
English 7 Read 180 7 th Grade	
English 8 Read 180 8 th Grade Read 180 (7-8) Reading 180 7/8th	
APPLIED MATH	
Applied Math 7	
Applied Math 8	
Applied Secondary Math I	
Applied Math 7 Lab	
Applied Math 8 Lab	
Applied Secondary Math I Lab	
APPLIED SKILLS	
Applied Skills	
Social Skills	
LEARNING CENTER	
Adaptive Learning Skills	
Functional Language Arts	
Functional Math	
Functional PE	
Functional Science	
Functional Skills	
Functional Social Studies	
ALTERNATE LEARNING	
Geography Life Team	
UT Studies Team	
US History Team	
MISCELLANEOUS CODES/ COUNSELOR USE ONLY	
Home Release	
Home School	
Cub Academy/Study Skills 3-6	
Cub Skills/Study Skills/Homework	