Center High School

3111 Center Court Lane
Antelope, CA 95843

Course Catalog

2016 -2017

Revised 2/19/16

Home of Scholars and Champions

www.CenterHigh.org

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INTRODUCTION

The Center High School Course Catalog serves as an educational tool to assist students and parents in making informed decisions in order to prepare students for successful academic achievement during high school. The CHS staff encourages students and parents to make thoughtful decisions during the course selection process. Counselors are available to advise students and parents regarding course selection and college/career preparation. In addition, the College and Career Center serves as a resource for students exploring post-high school education and employment opportunities.

Students must select courses carefully. Please note the following course-change policy when selecting classes:

Class Change, Add/Drop Policy

A Center High School student is expected to stay in a year-long class the entire year, both semesters, fall and spring. Changing students mid-year is disruptive to the established classes and the education of the student(s). Staffing levels for the entire school year are also based on the courses students select in the spring of the preceding school year.

Possible exceptions to this rule are:

- A student has already completed the course in either summer school or credit recovery.
- A student does not meet the recommendation(s) to be in the class.
- A senior is missing a course needed for graduation or admission to college.

Program changes only at semester:

- If a student is to be added to or removed from a program.
- Physical Education classes within the same period may be switched.
- AVID Senior Seminar cannot be added or removed from the program at semester due to the Consumer Finance requirement.

If a schedule change is required the following will occur:

- If the course is either 1st or 6th period, a late arrival or early dismissal (juniors/seniors only) will be changed with the class.
- Except for the class being changed, every effort will be made to keep the students with their current teachers.

This catalog is also available online at **http://www.centerhigh.org**

Online Course Selection

To ensure students are placed in appropriate courses, students must:

- ***Carefully read course selection forms and follow instructions.***
- ***Review their four-year plan and graduation requirements to ensure that graduation requirements are being met.***
- ***Be aware that all courses are subject to cancellation based on enrollment.***

Counselors

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College & Career Coordinator

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www.Centerhigh.org

GENERAL INFORMATION

Center High School is a four-year comprehensive high school, fully accredited by the Western Association of Schools and Colleges (WASC), serving students in the Center Joint Unified School District. The curriculum at Center High School is based on the California State Content Standards and the a-g requirements of the California State University and the University of California systems. Center High School students can participate in a wide selection of academic, co-curricular, and extracurricular activities including MCA, Advanced Placement (AP) courses, Project Lead the Way (PLTW) biomedical and engineering programs, Advancement via Individual Determination (AVID), Regional Occupation Programs (ROP), Link Crew, athletics, and a variety of clubs. Center High School's academic year is based on two semesters, each of which is eighteen weeks long. The regular school day consists of four alternating 90 minute periods. Each semester the students will take up to 8 classes, alternating on an "A/B" day schedule. A student earns five credits for each semester of completed coursework, provided the student earns a passing grade.

Student Learning Outcomes (SLOs)

SELF-DIRECTED LEARNER

- Develops and pursues personal, academic, and career goals
- Accepts responsibility for one's own learning
- Seeks and evaluates information effectively

CRITICAL THINKER

- Effectively identifies, organizes and analyzes problems
- Selects appropriate strategies and technologies to demonstrate and evaluate solutions

EFFECTIVE COMMUNICATOR

- Demonstrates effective communication using a variety of appropriate methods: speaking, media, arts, reading, technology, listening, and writing

QUALITY PRODUCER

- Plans to create a project that meets or exceeds established standards
- Constructs, evaluates, and revises a product using available technology
- Presents a product that reflects the standards and students-set goals
- Works collaboratively when appropriate

RESPONSIBLE CITIZEN

- Follows all rules: school, society, and community
- Adds to the community through service/activities
- Respects the differences of others

CHS GRADUATION REQUIREMENTS for Incoming 9th graders
Class of 2020

In order to earn a diploma from Center High School, students must:

1. Earn 260 credits out of a possible 320 credits
2. Complete the coursework in the subject areas listed below:

SUBJECT	CREDITS	YEAR REQUIREMENT
English	40	Four Years
Physical Science	10	One Year
Biological Science	10	One Year
American History	10	Junior Year
World History	10	Sophomore Year
Economics	5	Senior Year: 1 Semester
US Government (including Community Service hours)	10	Senior Year : Full Year
Math including Algebra Requirement	30	Three Years
Visual Performing Arts or Languages Other than English	10	One Year
Health	5	Freshman Year: Semester
Physical Education	20	Two Years (Freshman/Sophomore Mandatory)
Consumer Finance	5	Senior Year: 1 Semester
Computer Applications	5	Freshman Year: Semester
CTE/Technology	5	Semester
Electives	85	Available Each Year
Total	**260**	**Graduation**

CHS GRADUATION REQUIREMENTS for the class of 2017, 2018, and 2019

In order to earn a diploma from Center High School, students must:

1. Earn 230 credits out of a possible 250 credits
2. Complete the coursework listed below:

SUBJECT	CREDITS	YEAR REQUIREMENT
English	40	Taken Each Year
Physical Science	10	One Year
Biological Science	10	One Year
American History	10	Junior Year
World History	10	Sophomore Year
Economics	5	Senior Year: 1 Semester
US Government	5	Senior Year: 1 Semester
Community Service	2	Senior Year (16 hrs during US Gov't class)
Math including Algebra Requirement	20	Two Years
Visual Performing Arts or Languages Other than English	10	One Year
Health	5	Freshman Year: 1 Semester
Physical Education	20	Two Years (Freshman year mandatory)
Consumer Finance	5	Senior Year: 1 Semester
CTE/Computer Applications	5	Freshman Year: 1 Semester
Technology Elective	5	10-12 Year: 1 Semester
Electives	60	Available Each Year
Advocacy	6-8	Waived 2017,18,19
Total	**230**	Graduation

Mid-Year Graduation

Students must petition for mid-year graduation through their counselor by March of the junior year. The petition is presented to the Student Guidance Team for acceptance or denial. All coursework must be completed by the end of the first semester of senior year. Please note, there is only one graduation ceremony which occurs at the end of the second semester each year.

Credit for Courses Taken at Community Colleges

Students planning to take a community college course must meet with their counselor. The Los Rios Community College District requires the Advanced Education Application and Sierra College requires the Academic Enrichment Application. Students must currently possess a 2.70 GPA for the Los Rios Community College District and a 3.00 GPA for Sierra College. Note: The application will be reviewed and approved or denied by your counselor based on the eligibility criteria described above. You must meet the college's minimum requirements in order for your counselor to sign off. One community college unit is equivalent to 3.33 high school credits. The course will be documented on your HS transcript when an official community college transcript is provided. No honor status is given for any community college course.

FOUR YEAR PLAN WORKSHEET

Please use the elective boxes to complete the necessary UC/CSU or graduation requirements.

	Grade 9	Grade 10	Grade 11	Grade 12
1	**English 9**	**English 10**	**English 11**	**English 12**
2	**Math As appropriate**	**Math As appropriate**	**Math As appropriate**	**US Government (10)**
3	**Science As appropriate**	**Science As appropriate**	**Science Recommended or Elective**	**Consumer Finance (5)** - - - - - - - - - - - - - - - - - - **Economics (5)**
4	**Physical Education Course 1 (Mandatory)**	**Physical Education Course 2 (Mandatory)**	**United States History**	**Math Recommended or Elective**
5	**Health (5)/Computer Applications (5)**	**Modern World History**	**VAPA or Foreign Language or Elective or Intervention**	**Science Recommended or Elective**
6	**VAPA or Foreign Language or Elective or Intervention**	**VAPA or Foreign Language or Elective or Intervention**	**VAPA or Foreign Language or Elective or Intervention**	**Elective / Early out**
7	**VAPA or Foreign Language or Elective or Intervention**	**VAPA or Foreign Language or Elective or Intervention**	*Phased in 2018-19* **VAPA or Foreign Language or Elective or Intervention**	*Phased in 2019-20* **Elective / Early out**
8	**VAPA or Foreign Language or Elective or Intervention**	**VAPA or Foreign Language or Elective or Intervention**	**VAPA or Foreign Language or Elective or Intervention**	**Elective / Early out**

CALIFORNIA PUBLIC COLLEGES

www.californiacolleges.edu

California has a three-tiered system of state-financed universities and colleges. Many consider this system to be the nation's best public higher-education network. Here is a snapshot:

University of California **www.ucop.edu/pathways**	**California State University** **www.csumentor.edu**	**Community Colleges** **www.cccco.edu**
Top 12.5% of high school graduates. **Background:** The UC system combines the education of undergraduates with a strong emphasis on graduate programs and world-class research in the sciences & humanities. **Students:** Over 208,000 **Campuses:** 10 **Entrance Requirements:** 3.00 GPA and above, plus have completed a-g UC/CSU approved courses with a C or better grades, (NO D's) and SAT or ACT test scores. **Campus Locations:** Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Cruz, and Santa Barbara. The San Francisco campus specializes in upper division and graduate Health Sciences.	Top 33% of high school graduates. **Background:** The CSU system emphasizes undergraduate education, leading to a bachelor's, master's, and a limited number of doctor's degrees. **Students:** Over 405,000 **Campuses:** 23 **Entrance Requirements:** 2.00 GPA and above plus have completed a-g UC/CSU approved courses with a C or better grades, (NO D's) and SAT or ACT test scores. **Campus Locations:** Bakersfield, Chico, Channel Islands, Dominguez Hills, East Bay, Fresno, Fullerton, Humboldt, Long Beach, Los Angeles, Maritime Academy, Monterey Bay, Northridge, Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San Luis Obispo, San Jose, San Marcos, Sonoma and Stanislaus.	100% of high school graduates. **Background:** Colleges offer a wide range of academic and vocational programs leading to an occupational certificate, a two-year associate of arts degree, or a transfer program. **Students:** Over 2.5 million **Campuses:** 112 **Entrance Requirements:** These colleges are open to all California residents, including those without a high school diploma and who are 18. A California resident may attend a community college anywhere in the state. **Campus Locations:** Closest: Los Rios Community College District: American River College or Sierra College, 55 in southern California and 54 in central and northern California.

COLLEGE ELIGIBILITY REQUIREMENTS

The University of California requires:

- High School Diploma or California Proficiency Certificate
- Completion of a-g coursework with a grade of C or better in all courses.
- Minimum GPA of 3.0 in college prep courses.
- SAT Reasoning Test **or** ACT test scores.

The California State University
WORKING FOR CALIFORNIA

- High School Diploma or California Proficiency Certificate
- Completion of a-g coursework with a grade of C or better in all courses.
- Minimum GPA of 2.0
- SAT Reasoning Test or ACT test scores.

UC/CSU a-g College Prep Coursework

Subject Area	California State University	University of California
a. Social Studies	**2 years**	**2 years (including 1 year of World History)**
b. English	**4 years**	**4 years**
c. Mathematics	**3 years through Algebra II**	**3 years through Algebra II/Integrated Math III (4 years recommended)**
d. Laboratory Science (Physical and Biological)	**2 years**	**2 years (3 years recommended)**
e. Language Other Than English	**2 years**	**2 years (3 years recommended)**
f. Visual and Performing Arts	**1 year**	**1 year**
g. College Prep Elective	**1 year**	**1 year**
The list of CHS a-g courses approved by the University of California can be found at: http://www.ucop.edu/doorways		

Admission requirements for private and out-of-state colleges are generally similar to that of the UC and CSU systems. Students should contact individual institutions to confirm specific requirements.

CENTER HIGH SCHOOL COURSES MEETING a-g COLLEGE PREP REQUIREMENTS

a. **History/Social Science (2 years required)**
Modern World History
American History
AP® Government & Politics United States
Modern World History (H)
AP® United States History
U.S. Government

b. **English (4 years required)**
English 9
Honors English 9
English 10
Honors English 10
English 11
English 12
AP® English Language and Composition (11)
AP® English Literature and Composition (12)
MCA English 10
MCA English 11
MCA Literature & Media English 12

c. **Mathematics (3 years required, 4 recommended)**
Integrated HS Math I / Algebra I
Integrated HS Math II
Honors Integrated HS Math II
Integrated HS Math III
Honors Integrated Math III - Pending approval
Geometry
Algebra II
Algebra II (H)
Pre Calculus
Pre Calculus (H)
AP® Statistics
AP® Calculus AB
Geometry in Construction/Integrated HS Math II

d. **Laboratory Science (2 years required: Physical and Biological, 3 years recommended)**
Biology
AP® Biology
Chemistry
Physics
Physics Honors
Human Body Systems (PLTW)
Principles of Biomedical Sciences (PLTW)
Medical Interventions (PLTW) - Pending Approval

e. **Language Other Than English (2 years required, 3 recommended)**
Russian I
Russian II (Pending)
French I
French II
French III
French IV
Spanish I
Spanish II
Spanish III
Spanish IV
AP® Spanish - Pending approval

f. **Visual and Performing Arts (1 year required)**
Advanced Broadcasting
Beginning Broadcast
Concert Band
Concert Choir
Computer Graphics
Guitar Studies
Theatre Arts I
Intermediate Dance
Music Today
Art I
Art II

g. **College Prep Elective (1 year)**
Advanced Journalism
AP Macroeconomics
AP Psychology
Business Management and Leadership
Economics
Empowering Entrepreneurs
Introduction to Engineering Design
Principles of Engineering
Psychology
Sports and Entertainment Marketing
Virtual Enterprise
History of Film - Pending approval

TESTING FOR COLLEGE-BOUND STUDENTS

PSAT – Preliminary Scholastic Aptitude Test: The PSAT is generally taken during the junior year, but sophomores and freshmen may also participate in the test. In addition to providing information about aptitude for college level studies, the PSAT scores are used by the National Merit Scholarship Test Service to determine scholarship winners during the junior year. This test is administered at Center High School in October. Fee required.

SAT Reasoning Test: This test measures verbal, written, and mathematics abilities. SAT scores help indicate how prepared students are to do the kind of academic work most colleges require. Many colleges require this test for admission. Students are advised to take this test in their junior year. Fee required.

SAT Subject Tests: These tests are used to determine competency levels in a number of school areas: English, History, Mathematics, Foreign Language, or Science. Some colleges, including the University of California, require these tests for admission or placement purposes. Students are advised to take these tests in their junior year. Fee required.

AP – Advanced Placement Examinations: The Advanced Placement exams are given every year during two weeks in May. There is a fee required for each exam. A limited number of fee reductions are available to students with financial needs.

ACT – American College Test: This test measures educational development in four areas: English, Mathematics, Social Studies and Natural Sciences. Many colleges require this test for admission. Students are advised to take this test in their junior year. Fee required.

OPTIONAL TESTING FOR HIGH SCHOOL STUDENTS

ASVAB – The **Armed Services Vocational Aptitude** is a group of twelve tests that measures aptitude in five separate career fields and provides an indication of academic aptitude. It is administered to 10th, 11th, and 12th grade students during the fall semester. Additional information is available in the Career Center.

CHSPE – **California High School Proficiency Exam** - This test is offered by the State Board of Education to eligible persons to demonstrate proficiency in the basic skills taught in California public high schools as defined by the average performance of second semester seniors in those schools. Each person who passes the CHSPE is awarded a Certificate of Proficiency, which is legally equivalent to a high school diploma in California. Test information is available in the Counseling Center.

GED® – General Educational Development: The GED® test is designed to measure the skills and knowledge equivalent to a high school course of study. Passing the GED test gives those who do not complete high school, or who do not meet requirements for high school diploma, the opportunity to earn their high school equivalency credentials. The GED® test has four content areas: Language Arts, Mathematical Reasoning, Social Studies, and Science. It takes roughly seven and a half hours and is offered in English and Spanish.

HISET®–High School Equivalency Test: The HISET® exam, the new alternative to the GED® test, can help students achieve this important state-issued high school equivalency credential. The HISET® exam measures the academic knowledge and proficiency equivalent to those of a high school graduate. It covers five content areas: Language Arts – Reading, Language Arts – Writing, Mathematics, Social Studies and Science. Passing the HISET® exam shows that students have attained the academic knowledge and proficiency equivalent to those of a high school graduate.

COLLEGE & CAREER CENTER

The **College & Career Center,** located in the library, provides a variety of career exploration materials, activities, and services including: college catalogs/resources, PSAT/SAT test preparation, career speakers, ROP information, college tours, work permits, employment opportunities, scholarships resources, EAOP, Armed Services, and the College/Career Fair.

About the Family Resource Center

The Family Resource Center provides referrals and resources to needy families in the district. We are located on the Spinelli Elementary School campus, but serve students and families throughout all of Center USD.

Center School District endeavors to give students the best education possible by looking not only at the academic needs of students and their families, but also at their physical, emotional, and mental needs.

Services Offered

The Family Resource Center provides the following services so that every child can receive a quality education:

- Backpacks & School Supplies
- School Clothing
- Emergency Food Assistance/Referrals
- Affordable Housing Resources
- Healthcare Advocacy & Application Assistance
- Mental Health Counseling
- Tutoring & Mentoring

Our Staff

- **Alyson Collier**, Program Coordinator & District Foster Youth Liaison
- **Vivian Cid**, Health Care Access

Contact Us

Please direct any additional questions or concerns to: **916.338.6387**.

Our office is located at: 3401 Scotland Drive
Antelope, CA 95843
Room #9 (We are located on the Spinelli Elementary School campus).

HELPLINES: HOW TO HELP IN A CRISIS

LOOK for the signs	**LISTEN** for the feelings
✓ Withdrawn from friends/family ✓ Hopelessness ✓ Trouble concentrating ✓ Giving belongings away ✓ Not sleeping / sleeping a lot ✓ Change in eating habits ✓ Intense behavior changes	✓ Don't agree to keep the secret; you can help by getting them help! ✓ **ACT**, seek adult help ✓ Discuss the problem openly ✓ Show interest and support ✓ Seek others for help: teacher, minister, coach, counselor, parent
ACCESS Mental Health Agency Provides triage, assessments and referrals: (916) 875-1055	**CHILD PROTECTIVE SERVICES:** (916) 875-5437
LA FAMILIA: 916 452-3601 Provides psychiatric, MFT and MSW services	**WEAVE:** (916) 920-2952 www.weaveinc.org
MENTAL HEALTH AMERICA OF NORTHERN CALIFORNIA: (916) 366-4600 **WELLSPACE HEALTH:** 6015 Watt Avenue #2 (916) 325-5556 **NATIONAL ALLIANCE ON MENTAL HEALTH (NAMI) :** (916) 364-1642	**DOMESTIC VIOLENCE & SEXUAL ASSAULT:** (916) 371-1907 **NATIONAL SEXUAL ASSAULT NETWORK:** 1-800-656-4673 **CALCAA:** Against Sexual Assault: http://calcasa.org/ (916)446-2520
TERRA NOVA: Counseling, groups, sliding scale, accepts Medi-Cal 5750 Sunrise Drive Citrus Heights, Ca (916) 344-0249	**AL ANON FAMILY GROUPS :** (916) 334-2970
WIND YOUTH CENTER: (916) 561-4900 www.windyouth.org	**RECOVERY HAPPENS:** 916-276-0626 **Recoveryhappens.com**
SUICIDE PREVENTION & CRISIS HOTLINE: Toll Free: 1 (800) 273-8255 Sacramento: (916) 368-3111 Roseville: (916) 773-3111 CA Youth Crisis Line: 1-800-843-5200	**TWIN RIVERS SCHOOL RESOURCE OFFICER:** **(916) 275-0184**

COURSE DESCRIPTIONS

Course offerings are subject to change based on student enrollment.

***Courses labeled "pending a-g approval" do not currently count toward UC/CSU requirements.*

BUSINESS and TECHNOLOGY DEPARTMENT

All courses offered by the Business Department are aligned with the Career and Technical Education Standards and Framework published by the State of California and the United States Department of Education. These courses are receiving extra funding through the Carl Perkins Vocational Act.

Courses Required for Graduation

720451 COMPUTER APPLICATIONS

Freshman
Semester

This is a one-semester course required for graduation from Center High School. Incoming freshmen will be assigned this course and they, along with upperclassmen, must complete the course before advancing on to other offerings in the Business Department. This introductory semester course is designed to utilize Microsoft Office 2010, Google Documents, and technology applications to prepare academically focused students for high school and beyond. This course will introduce students to effective communication techniques, technology skills, and career-awareness activities. Students will have the ability to apply the skills learned in this course to complete assignments in other courses throughout their school career.

720505 CONSUMER FINANCE

Senior
Semester

This is a one-semester course required for all seniors as a graduation requirement. This concentration content area course expands on the comprehensive core and prepares students to understand and analyze values, needs, wants, goals, and resources in order to make decisions that contribute to personal and family economic stability. Instruction includes the steps in decision making, earning an income, taxes, money management, financial planning, understanding the marketplace, selling methods, retail information, consumer rights and responsibilities, managing credit, housing decisions, and the consumer as part of the national and global economy. This course provides the background needed in a variety of careers that involve consumer information and purchasing as well as financial planning.

Technology Requirement Courses

720420 BEGINNING DIGITAL PHOTOGRAPHY

Sophomore, Junior, Senior
Semester

This one-semester course is an introductory class designed to train students how to use a digital camera, media storage, and beginning editing software. Students will also gain an understanding of basic design, composition, career options, and effectively communicate ideas in the format of critiques. Students will create many projects pertaining to a variety of situations and conditions. Students will have an option of uploading their best photos to an online photo gallery of their choice such as Flickr.
Recommendation: Successful completion of CTE 1 or Computer Applications. *This course meets the school Technology requirement and does NOT meet course requirements for VAPA credit.

720632 PHOTOSHOP AND ILLUSTRATOR

Sophomore, Junior, Senior
Semester

This one-semester course introduces students to illustration, composition, and image manipulation of the computer using Photoshop and Illustrator in Adobe's Creative Suite programs. The focus of the class is learning the technology to create computer artwork and manipulate photographs. Guided by instruction in design theory and process, students will learn the technology to create a variety of artwork, from portraits and collages to posters and brochures. This course gives students the opportunity to strengthen communication skills, develop design concepts, experience the problem-solving process, acquire proficiency in computer use, and explore creative possibilities with software. In addition, students will gain marketable skills for the workplace and technological proficiency in college.
Recommendation: Successful completion of CTE 1 or Computer Applications. *This course meets the school Technology requirement and does NOT meet course requirements for VPA credit.

724610 INDESIGN

Sophomore, Junior, Senior
Semester

This one-semester course introduces students to illustration, composition, and image manipulation of the computer using InDesign Adobe's professional Creative Suite programs. The focus in this semester is learning the technology in professional desktop publishing, using text, artwork, photographs, and adjusting all three for the most pleasing and professional product. Guided by instruction in design theory and process, students will create a variety of artwork, from portraits and collages to posters and brochures. This course gives students the opportunity to strengthen communication skills, develop design concepts, experience the problem-solving process, acquire proficiency in computer use, and explore creative possibilities with software. In addition, students will gain marketable skills for the workplace and technological proficiency in college.
Recommendation: Successful completion of CTE 1 or Computer Applications. *This course meets the school Technology requirement and does NOT meet course requirements for VPA credit.

720477 WEB DESIGN

Sophomore, Junior, Senior
Semester

This one-semester course is a project-based curriculum designed to teach the beginning student to create advanced web pages. This course provides a comprehensive introduction to the essentials of Web Design, from planning page layouts to publishing a complete site on the internet. Through real-world design scenarios and hands-on projects, students create compelling, usable websites using Adobe Dreamweaver (or its equivalent).
****This course meets the school Technology requirement and does NOT meet course requirements for VPA credit.**

721459 BUSINESS MANAGEMENT AND LEADERSHIP

Sophomore, Junior, Senior
Year
UC/CSU Approved

This year-long course is designed to introduce students to the world of business management and help prepare them to be leaders, decision makers, and results-oriented employees. In addition, students will learn about business structure while developing foundation, planning, organizational, leadership, and decision-making skills that will assist them in the work world and in becoming productive citizens. The core curriculum focuses on career and college readiness, team building, project-based learning, and goal setting. **Students are highly encouraged to participate in the extra curricular club DECA and attend all conferences, workshops, and competitive events on the local and state level.**

720911 DISPATCHER/CALL CENTER/CUSTOMER SERVICE TRAINING I

Junior, Senior
Year

Students will be trained for direct entry into a career as a 911 Dispatcher, a Call Center Dispatcher (AAA or OnStar), alarm companies call-taker, (ADT, First Response) or as a Customer Service call center representative (Verizon, J. C. Penney). Successful completion of this program would offer entry into a job that pays $20.07 to $21.62 per hour to start ($38,534 to $41,510) as a 911 Dispatcher (before overtime!) or as a call center, alarm center, or customer service call-taker. This program prepares the student to meet the minimum qualifications for a call-center employee: 35 wpm typing certificate, high school diploma, passage of a written test, background check, psychological evaluation, and interview. Course activities will provide the student with real-life simulation training to be prepared for the environment of a multi-tasking job using telephone, radio, and alarm-system communications while accessing a response computer program (ordering or dispatching) and taking information from a caller into a second computer program simultaneously. All this is done while the trainee gives life-saving information to the caller until the response arrives.
Juniors who take DCCCST 1 may take DCCCST 2 as a senior, qualifying for supervisory-level training.

720912 DISPATCHER/CALL CENTER/CUSTOMER SERVICE TRAINING II

Senior
Year

Students act as supervisors in the DCCCST 1 course and receive supervisory training to greatly enhance their employability and refresh their skills before applying to the call centers in the summer following graduation. Students will be responsible for "live call" training, where the supervisory student trains the first year students on the dispatcher stations, using a general script for a call, rather than a recorded call simulation. Students will also refresh their call-taking skills, showing the first year students correct call-taking procedures, and will refresh their typing skills, since many call centers require above the 35 wpm minimum typing speed. Course activities will enhance the first-year activities, which provide the student with real-life simulation training to be prepared for the environment of a multi-tasking job, using telephone, radio, and alarm-system communications while accessing a response computer program (ordering or dispatching) and taking information from a caller into a second computer program simultaneously. All this is done while the trainee gives life-saving information to the caller until the response arrives.

Recommendation: Successful completion of DCCCST I.

724609 PHARMACY TECHNICIAN TRAINING

Senior
Year

The Pharmacy Technician Program will prepare students for entry-level pharmacy technician positions by teaching students medical and pharmaceutical terminology, basic anatomy related to the pharmacology of medications, and pharmaceutical calculations.
The Pharmacy Technician Program will provide students hands-on practice in retail pharmacy procedures through an online lab module. Students learn what information is necessary to process prescriptions and physician orders and apply that knowledge to fill mock prescriptions. The curriculum also includes the ethics of pharmacy practice and education about prescription medications, patient care and interaction, and charges and reimbursement. Coursework is done online in a computer lab. 240 hours of coursework are required for certification. Approximately 175 hours are spent in class, and 65 hours are spent outside of class in homework, review, and study.

Recommendation: Senior standing and successful completion of CTE 1 and Algebra 1 (or equivalent).

SEAM Academy
Sports – Entrepreneurship – Activities – Marketing

*SEAM is not a California Partnership Academy and does not receive CPA funding.

720458 EMPOWERING ENTREPRENEURS
Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed to empower entrepreneurial literacy among high school students through a project-based learning approach. Students will synthesize the aspects of entrepreneurship in teams working with local entrepreneurs and their instructors. At the completion of Empowering Entrepreneurs, students will successfully apply concepts regarding the human characteristics (collaboration, communication, creativity, and critical thinking) vital for entrepreneurial thinking in a 21st century global world. The units in this course were aligned to the Common Core State Standards and the Career & Technical Education standards.

720457 SPORTS & ENTERTAINMENT MARKETING
Sophomore, Junior, Senior
Year
UC/CSU Approved

Entrepreneurship/Sports Marketing is a course designed to provide students with an understanding of marketing concepts, foundations, and functions as they relate to career opportunities in the growing area of sports and entertainment. Instruction will focus on marketing and sports entertainment, sports marketing, sports marketing mix, entertainment marketing, and entertainment marketing mix. Real world, current companies and careers are highlighted which will make the material applicable and understandable for the students. Economic and entrepreneurial concepts, including the law of supply and the law of demand, business ownership, leadership, and legal issues will also be infused into the course work. Students will also develop a virtual website portfolio which can be used for college admissions and employment opportunities.

720433 INTEGRATED MARKETING AND ENGLISH
Juniors
Year
Pending UC/CSU Approval

The aim of this course is to prepare students with foundational knowledge in marketing within the framework English so that they will be equipped for the challenges in the workplace and in their pursuit of post-secondary education. Whether a student is interested in exploring the field of Marketing as a possible career field or to become an informed consumer, this course provides an opportunity for students to fulfill their English course requirement while pursuing a career pathway and developing critical reading, writing, speaking, and thinking skills geared towards the business field.

ENGLISH

721019 ENGLISH 9

Freshman
Year
UC/CSU Approved

This course is designed to develop critical thinking, vocabulary, study skills, and to address the progressive steps of the writing process. The study of literature will involve literary analysis, reading, discussing, and writing about the works in the text and on the core literature list. Correct grammar, punctuation, and spelling usage are emphasized in accordance with state standards.

721029 HONORS ENGLISH 9

Freshman
Year
UC/CSU Approved

This course introduces advanced students to critical thinking and critical analysis of literature through essay writing and oral responses. The emphasis of the course is on analytical thinking and writing. Correct grammar, punctuation, and spelling usage are emphasized in accordance with state standards. The course curriculum assessments of both oral and written components are primarily designed to prepare students for future Honors English and AP coursework.
Recommendations: **Recommendation of current English teacher, a grade of "B" or higher in current year, completion of application, signed parent/student/teacher contract, Proficient or Advanced on writing assessment, grade level or above on the AR STAR reading test (or an equivalent test), and a GPA of 2.8 or higher. If a student has a C in current year, then teacher recommendation is required.**

721009 FOUNDATIONS ENGLISH 9

Freshman
Year

Placement in this course is based on test results and previous English grades. This course is for students one or more grade levels behind in reading comprehension who are therefore in need of remediation. This course is ***not*** UC/CSU approved for college preparatory credit. **Recommendations for Placement: Teacher Recommendation, second semester grade of 65% or lower, scoring one year or more below grade level on the AR STAR Reading Test or the DRP Test (Degrees of Reading Power) or equivalent test, and Below Basic or average score of 2 on District Writing Focus Assessments.**

721010 ENGLISH 10
Sophomore
Year
UC/CSU Approved

This course presents world literature in historical and cultural contexts. Reading, writing, and analysis of literature will be required as students further develop critical thinking skills, work cooperatively, and develop an understanding and respect of diverse views. In addition, the study of literature will involve reading, discussing, and writing about the works in the text in accordance with state standards. Correct grammar, punctuation, and spelling usage are emphasized in accordance with state standards.

721013 HONORS ENGLISH 10
Sophomore
Year
UC/CSU Approved

This rigorous course is integrated with the Honors Modern World history class in order to present world literature in historical and cultural context. Students will practice close reading and literary analysis, develop their writing skills, improve their knowledge of English grammar and usage, expand their vocabularies, hone their speaking skills, and become perceptive and articulate readers and thinkers. The course curriculum assessments of both oral and written components are primarily designed to prepare students for future AP coursework.
Recommendations: Recommendation of current English teacher, a grade of "B" or higher in current year, completion of application, signed parent/student/teacher contract, completion of summer project, Proficient or Advanced on writing assessment, grade level or above on the DRP (Degrees of Reading Power), and a GPA of 2.8 or higher. If a student has a C in current year, then teacher recommendation is required.

721040 ENGLISH 10 SUPPORT
Sophomore
Year

Placement in this required elective is based on test results and previous English grades. This course is for students one or more grade levels behind in reading comprehension who are therefore in need of support. This elective course will be paired with regular English 10. **Recommendations for Placement: Teacher Recommendation, second semester grade of 65% or lower, scoring one year or more below grade level on the DRP Test (Degrees of Reading Power), and below basic on the District Writing Focus Assessment.**

721011 ENGLISH 11
Junior
Year
UC/CSU Approved

This course promotes analysis and evaluation of American literature from the Colonial period forward while examining the historical influences. Critical reading, writing, and collaboration are required to further develop higher-level thinking skills. Correct grammar, punctuation, and spelling usage are emphasized in accordance with state standards.

721018 AP® ENGLISH LANGUAGE AND COMPOSITION

Junior
Year
UC/CSU Approved

This course prepares students for the AP® Language and Composition Exam and for success in college writing and literature courses. This AP® course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students should be aware of the interactions among a writer's purpose, audience, expectations and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. ***Recommendations:*** **Recommendation of current English teacher, a grade of "B" or higher in current year, completion of application, signed parent/student/teacher contract, completion of summer project, Proficient or Advanced on writing assessment, grade level or above on the DRP (Degrees of Reading Power), and a GPA of 2.8 or higher. If a student has a C in current year, then teacher recommendation is required.**

721012 ENGLISH 12

Senior
Year
UC/CSU Approved

The purpose of this course is to prepare seniors for the demands of a college English course and for many of the linguistic and cognitive demands of the post-secondary workplace. It is also intended to reinforce mastery of the California Language Standards for the twelfth grade. Strengths in critical thinking, vocabulary acquisition and development, speaking, reading for meaning, and writing in a variety of modes for a variety of audiences will be expanded through a survey of British literature selected from the course basic text and supplemented by individual reading reports and research projects. This course integrates literature, composition, and language skills and includes a senior review of the conventions of standard English usage and grammar already developed in previous years.

721015 AP® ENGLISH LITERATURE AND COMPOSITION

Senior
Year
UC/CSU Approved

This course prepares students for the AP® Exam and for success in college writing and literature courses. Students will study intensively representative imaginative works from various genres and historical periods, concentrating on developing skills in close reading. Works selected by the instructor will meet the needs and interests of students. Extensive reading and frequent writing will prepare students to learn and effectively communicate their ideas about such large-scale literary elements as figurative language, imagery, symbolism, and tone. **Recommendations: Recommendation of current English teacher, a grade of "B" or higher in current year, completion of application, signed parent/student/teacher contract, completion of summer project, Proficient or Advanced on writing assessment, grade level or above on the DRP (Degrees of Reading Power), and a GPA of 2.8 or higher. If a student has a C in current year, then teacher recommendation is required.**

ENGLISH ELECTIVES

720096 ACADEMIC DECATHLON
Freshman, Sophomore, Junior, Senior
Semester

The United States Academic Decathlon is a nationwide program dedicated to promoting learning and academic excellence through teamwork among students of all achievement levels. Academic Decathlon is a ten-event scholastic competition for teams of high school students. This one-semester course will prepare students for competition through a multidisciplinary learning experience that includes literature, music, art, economics, science, social studies, math, speech, and interview. The content of the course changes yearly, as detailed by USAD. California State University, Sacramento (CSUS) provides an opportunity for high school Junior and Senior students to earn up to three college credits a year while preparing for competition in the California Academic Decathlon.

721001 PUBLIC SPEAKING
Freshman, Sophomore, Junior, Senior
Semester

Speaking clearly and comfortably in public is a valuable and often essential skill to possess. This one-semester course provides students with a basic background in the theories and principles of public speaking, as well as practical experience with the basic types of speeches. The student will gain instruction and experience in the preparation and delivery of speeches within a variety of settings, learn how to research, outline, and deliver short, informal presentations to longer formal speeches, and develop skills in critical listening.

721008 THE GRAPHIC NOVEL
Freshman, Sophomore, Junior, Senior
Semester

This one-semester course will explore the history of the graphic novel as literature and analyze texts that have influence and critical esteem. This course will include an introduction to critical terminology and methods of critique of the medium, providing the language and concepts necessary for the critical analysis of graphic novels. Students will engage in the close reading and analysis of specific texts, trace development of theme, and research the history and growth of this popular culture phenomenon. Students will look closely at the special effects created in sequential art narrative and further appreciate the medium by constructing a variety of graphic narratives, both independently and collaboratively.

720772 FRESHMAN CAREER SEMINAR
Freshman
Year

Utilizing the Get Focused, Stay Focused curriculum, this 9th grade course will address essential knowledge, skills and behaviors that all students need to be successful during and beyond high school to live successfully in the world today. Emphasis will be placed on developing a long-range plan. Skills and behavior topics to be addressed include: leadership and management processes; exploration of personal aptitudes, interests, principles and goals; life and career exploration and planning, decision-making and organizational strategies; and managing personal resources.

Exploration of potential future lifestyles and careers, as well as current community issues will be used to develop student's academic skills in higher order thinking, communication, time management, note-taking and outlining. All students will complete a 10-year oriented plan.

720773 CREATIVE WRITING FOR CRITICAL THINKING

Freshman, Sophomore, Junior, Senior
Semester

This one-semester course uses a fresh approach to writing using critical thinking skills and the inquiry process. It will help the student become a better thinker, problem solver, speaker, team player, planner, and researcher. Critical and creative thinking, problem solving, communication, and collaboration skills are used in developing unique pieces of writing for creative expression.

ENGLISH LANGUAGE LEARNERS

721205 STRUCTURED ENGLISH IMMERSION (SEI) Beginning

Freshman, Sophomore, Junior, Senior
Semester or Year

This course offers an accelerated one-year program consistent with CA state law for students who possess what is considered less than reasonable fluency in English. [Less than reasonable fluency is Beginning (Proficiency Level 1) on CELDT for all grades if needed.] ELD instruction focuses on listening, speaking, reading, and writing in English at the targeted levels of proficiency and aligned to Common Core ELD Standards. Students in this program are preparing to be placed in the English Language Mainstream Program. ELD is designed to accomplish its goals in a period of one academic year. Late arriving students, or those who would benefit from additional time, will be afforded the opportunity to participate beyond that time period.
This course fulfills English requirements for graduation; however, it does not meet the a-g requirements.

721205 STRUCTURED ENGLISH IMMERSION (SEI) Intermediate

Freshman, Sophomore, Junior, Senior
Year

This course offers an accelerated one-year program consistent with CA state law for students who possess what is considered less than reasonable fluency in English. [Less than reasonable fluency is Early Intermediate (Proficiency Level 2) or Intermediate (Proficiency Level 3) on CELDT for all grades if needed.] ELD instruction focuses on listening, speaking, reading, and writing in English at the targeted levels of proficiency and aligned to Common Core ELD Standards. Students in this program are preparing to be placed in the English Language Mainstream Program. ELD is designed to accomplish its goals in a period of one academic year. Late arriving students, or those who would benefit from additional time, will be afforded the opportunity to participate beyond that time period. **This course fulfills English requirements for graduation; however, it does not meet the a-g requirements.**

721210 LTEL SUPPORT 9

Freshman
Year

This mandatory elective course is designed for incoming ninth grade students who have been classified as an EL student for more than four years. These students will receive explicit language/literacy development and support across the curriculum.

721220 LTEL SUPPORT 10 - 12

Sophomore, Junior, Senior
Year

This mandatory elective course is designed for tenth through twelfth grade students who have been classified as an EL student for more than four years. These students will receive explicit language/literacy development and support across the curriculum.

721209 ELD TUTORIAL
Freshman, Sophomore, Junior, Senior
Semester or Year

This elective course is designed for students who speak English as a second language and who may need extra help with completing coursework in science, math, English, or other academic courses. Study materials will be available and a bilingual classroom instructional assistant will be provided to help students complete their work.

WORLD LANGUAGES

720417 RUSSIAN I
Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students with limited or no knowledge of Russian. Students will learn to communicate with each other about themselves, school, their lives, and similar topics. They will also learn about the culture of Russian-speaking countries.

720419 RUSSIAN II
Freshman, Sophomore, Junior, Senior
Year
UC/CSU approval pending

Russian 2 is the second year course of the Russian Language and culture that strikes a true balance between communication and structure. Emphasis is on development of the four major skills: reading, writing, listening and speaking. In addition to those skills, students will expand their knowledge of Russian cultures and heritage through the use of text, video, audio, and workbook program. The course will also provide comprehensive explanations of Russian grammar along with the structural practice students need to build accuracy.
Recommendation: C or better in Russian I.

720401 SPANISH I
Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students with limited or no knowledge of Spanish. Students will learn to communicate with each other about themselves, school, their lives, and similar topics. They will also learn about the culture of Spanish-speaking countries.

720402 SPANISH II

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students with a beginning knowledge of Spanish. Students will learn to communicate with each other about expanded topics. They will also acquire more knowledge about Spanish-speaking countries and their culture. **Recommendation: C or better grades in Spanish I course or passing grade on Spanish I final exam.**

720403 SPANISH III

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students and others who wish to learn to communicate with a greater degree of fluency and accuracy. The primary emphasis in these courses is on oral communication. Students will begin to communicate about more abstract topics. Cultural exploration will include more in-depth ideas, such as the history and the art of Spanish-speaking countries, as well as continuing the culture of daily life.
Recommendations: C grade or better in Spanish II passing grade on Spanish II final exam.

720404 SPANISH IV

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students and others who wish to learn to communicate with a greater degree of fluency and accuracy. The primary emphasis in these courses is on oral communication. Students will begin to communicate about more abstract topics. Cultural exploration will include more in-depth ideas, such as the history and the art of Spanish-speaking countries, as such as the history and the art of Spanish-speaking countries, as well as continuing the culture of daily life. Since Spanish III and IV are frequently taught as a combined class, separate curricula are offered on alternating years.
Recommendations: C grade or better in Spanish III passing grade on Spanish III final exam.

720406 AP® SPANISH

Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students and others who wish to advance their communication, comprehension and writing skills in Spanish. Students will discuss more abstract topics. Cultural exploration will include more in-depth areas, such as the history and

the art of Spanish-speaking countries, as well as continuing the culture of daily life. Students will improve their ability to communicate by expressing opinions, comparing, persuading and commanding others. The primary emphasis of this course is to prepare the student for the AP exam for advanced placement in college. This course will be conducted primarily in Spanish. **Recommendation: C or better in Spanish III and/or instructor approval.**

720413 FRENCH III

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students and others who wish to learn to communicate with a greater degree of fluency and accuracy. The primary emphasis in these courses is on oral communication. Students will begin to communicate about more abstract topics. Cultural exploration will include more in-depth ideas, such as the history and the art of French-speaking countries, as well as continuing the culture of daily life.
Recommendations: C grade or better in French II or passing grade on French II final exam.

720414 FRENCH IV

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is designed for college-preparatory students and others who wish to learn to communicate with a greater degree of fluency and accuracy. The primary emphasis in these courses is on oral communication. Students will begin to communicate about more abstract topics. Cultural exploration will include more in-depth ideas, such as the history and the art of French-speaking countries, as well as continuing the culture of daily life. Since French III and IV are frequently taught as a combined class, separate curricula are offered on alternating years.
Recommendations: C grade or better in French III passing grade on French III final exam.

8th Grade Math Placement Policy
2016-2017

Center High School has transitioned away from a traditional math program (Algebra, Geometry, Algebra II, etc.) and into an integrated math program (Integrated HS Math I, Integrated HS Math II, and Integrated HS Math III) which began in the 2014-2015 school year. With the new Common Core State Standards and associated testing which will occur at the end of the junior year, we suggest that all incoming freshman who qualify take Integrated Math I and follow the integrated math sequence.

Freshman Math Placement Flowchart

Adopted by CJUSD School Board January 2016

For students taking Integrated Math I in middle/junior high school:

1. Honors Integrated Math II - At least two of the criteria listed below must be met:
    a. Grade of B or higher in Integrated Math I
    b. Finals - Grade of B or higher
    c. Smarter balanced math testing = Exceeds

2. Integrated Math II - At least two of the criteria listed below must be met:
    a. Grade of C or higher in Integrated Math I
    b. Finals - Grade of C or higher
    c. Smarter balanced math testing = Meets

3. All others will repeat Integrated Math I

For students taking 8th Grade Math/Algebra/Algebra 1a or 1b in middle/junior high school:

1. Integrated Math I - At least two of the criteria listed below must be met:
    a. Grade of C or higher in Math 8/Algebra/Algebra 1a or 1b
    b. Placement test of Introduction to Integrated MathI final exam (second semester) with a score of 60% or higher.
    c. Smarter balanced math testing = Nearly Meets

2. All others will take Introduction to Integrated Math I

MATHEMATICS

720298 INTRODUCTION TO INTEGRATED HIGH SCHOOL MATHEMATICS I

Freshman, Sophomore, Junior, Senior
Year

The fundamental purpose of Introduction to Integrated High School Mathematics centers 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, and understanding and applying the Pythagorean Theorem. Successful completion will prepare students for Integrated High School Mathematics I. The Standards of Mathematical Practice apply throughout and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

720297 INTEGRATED HIGH SCHOOL MATHEMATICS I

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

The fundamental purpose of Integrated High School Mathematics I is to formalize and extend the mathematics that students learned in the middle grades or in Introduction to Integrated Mathematics I. The critical areas deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Integrated Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The course ties together the algebraic and geometric ideas studied. The Standards of Mathematical Practice apply throughout and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

720280 INTEGRATED HIGH SCHOOL MATHEMATICS II

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

The focus of Integrated High School Mathematics II is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Integrated High School Mathematics I. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. An investigation of circles, with their quadratic algebraic representations, round out the course. The Standards of Mathematical Practice apply

throughout and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
Recommendation: Completion of Integrated High School Mathematics I/Algebra I with a "C" or higher.

720399 HONORS INTEGRATED HIGH SCHOOL MATHEMATICS II

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Pending approval

Honors Integrated High School Mathematics II will investigate the same course content and standards of the regular math course but in much greater depth. Students must be proficient at computing, applying processes, problem-solving, and analyzing complex mathematical concepts. The focus of the course is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Integrated High School Mathematics I. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. An investigation of circles, with their quadratic algebraic representations, round out the course. The Standards of Mathematical Practice apply throughout and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Honors Integrated High School Mathematics II progresses at a more accelerated pace than the regular math course and assignments and assessments are more rigorous and are designed to prepare students for future honors and AP mathematics coursework.
Recommendation: Completion of Integrated High School Mathematics I with a B or higher.

720774 INTEGRATED HIGH SCHOOL MATHEMATICS III

Sophomore, Junior, Senior
Year
UC/CSU Pending Approval

Integrated High School Mathematics III is the third course of a three course sequence including Integrated Math I, II, and III. This course utilizes a problem-centered approach. This course weaves content standards from Algebra 1, Geometry, Algebra 2 and Statistics at an intermediate to advanced level including coordinate geometry, circles and other conic sections, binomial distributions, permutations and combinations, exponential and logarithmic functions, rates of change, derivatives, trigonometry and quadratics. The course demands that students further develop the logic needed for abstract problem solving and emphasizes the common core standards.

- Students evaluate probability based on the standard deviation of normally distributed data, differentiate between various methods of collecting data and distinguish between population and sample statistical central tendencies.
- Students use the Fundamental Theorem of Algebra to predict solutions to polynomial functions, make and analyze decisions including diagnostic tests and quality control.
- Students use their understanding of function families including transformations of quadratic, cubic, exponential, logarithmic and trigonometric functions and their inverses to model and solve contextual problems adjusting parameters as needed to improve the predictability of their model and critique the models of others.
- Students expand their understanding of triangles to include non-right triangles leading to the development of the Law of Sines and the Law of Cosines including being able to state the number of possible solutions.
- Students understand and employ the Eight Standards of Mathematical Practice on a daily basis to develop the habits of mind necessary to pursue college level course work.

Recommendation: Completion of Integrated High School Mathematics II or Geometry in Construction (mathematics) with a "C" or higher.

720290 HONORS INTEGRATED HIGH SCHOOL MATHEMATICS III

Sophomore, Junior, Senior
Year
UC/CSU Pending Approval

The Honors Integrated Mathematics III course is the third course in a three-year series that replaces the traditional pathway of Algebra 1, Geometry and Algebra 2 based on the Integrated High School Pathway described in the CCSS Appendix A. In addition, this course is modeled to include pre-Calculus topics essential for a student to take an AP Calculus course or college equivalent.

Students that leave this class will be familiar with the mathematical tools and skills available to them in order to properly analyze and model real world phenomena. Students will be immersed in a problem solving environment that will allow them to consider solutions through algebraic, graphical or conceptual and real-world evidence. The modeling focus of the course will have students creating appropriate mathematical models and analyzing those models using the language of mathematics.

The Integrated Mathematics III Honors course goes further than the Integrated Mathematics III course by further exploring the intersections of algebraic and geometric concepts, with a heavy emphasis on trigonometric applications and functions. A heavy emphasis on summations and limits will be the key bridge to understanding derivative and integral calculus.

One purpose of this course is to give students a strong foundation in algebra and geometry concepts that are required for the rest of the Integrated pathway and beyond into higher mathematics. The other primary purpose is to facilitate the Standards of Mathematical Practice outlined in CCSS Mathematics, both in content and practice. Through the use of hands-on labs,

projects, and technology assisted models and simulations, students will develop a robust experience in problem solving and data analysis based on real-world problems and solutions.
Recommendation: Completion of Honors Integrated High School Mathematics II with a "C" or higher, or completion of Integrated High School Mathematics II or Geometry in Construction (mathematics) with a "B" or higher.

720210 AP® CALCULUS A/B

Junior, Senior
Year
UC/CSU Approved

Calculus is a one-year, college-level course designed for students who have passed Pre-Calculus with above average grades, have an interest and aptitude for higher mathematics, and have excellent study habits. The topics studied in this standards-based course will include limits and continuity of functions, the derivative, and its applications, the integral and its applications, analytic geometry, exponential and logarithmic functions and improper integrals. Students may expect 60 minutes of homework per class meeting. A TI 83 or TI 84 graphing calculator is required for this course.
Five units of CSU/UC transferable college credit are available by passing the AP Exam.
Recommendation: Completion of Honors Pre-Calculus with a "C" or higher or Pre-Calculus with a "B" or higher.

720211 AP® STATISTICS

Junior, Senior
Year
UC/CSU Approved

Statistics is the science of using data to study real world problems. Data analysis is commonly used in most professions; we use data in the formation of public policy, in all sciences, in business, and in everyday life. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The Advanced Placement Program offers a course description and exam in statistics to secondary school students who wish to complete studies equivalent to a one semester, introductory course in statistics. Students who take and pass the AP exam in Statistics are eligible to earn college credit. Four broad conceptual themes are covered:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

Recommendation: Students are eligible to take AP-Statistics after completing Algebra II with a "C" or better.

720283 GEOMETRY AND CONSTRUCTION and
720284 CONSTRUCTION IN GEOMETRY

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

Geometry in Construction is a great way for students to earn both Integrated Math II and elective credits (20 credits) in a hands-on, lab-based class. Students will apply the lessons learned in the mathematics classroom to “real world” situations in the construction job site. Approximately 40 students will be concurrently enrolled in a two-period block course with both a math and construction teacher. Students will learn the necessary skills to build a playhouse. This course will include lessons on wiring and plumbing. The construction will take place on the CHS campus and the proceeds from the sale of the playhouse will be used to fund future building projects for the class. This is not a “watered down” math class; you will learn the same concepts as students in a traditional Integrated Math II class. In this unique class, students will understand why they need to know math when they apply their knowledge in constructing a playhouse.

720281 INTRO TO INTEGRATED HIGH SCHOOL MATH LAB

Freshman, Sophomore, Junior, Senior
Year

The mathematics support course will focus on mastery of the standards being taught in the associated core academic mathematics course.

720282 INTEGRATED HIGH SCHOOL MATH LAB

Freshman, Sophomore, Junior, Senior
Year

The mathematics support course will focus on mastery of the standards being taught in the associated core academic mathematics course

MEDIA and COMMUNICATIONS ACADEMY (MCA)

The Media Communications Academy is a California Partnership Academy and does receive funding from the California Department of Education.

721610 MCA ENGLISH

Sophomore
Year
UC/CSU Approved

This course presents world literature in historical and cultural contexts. Reading, writing, and analysis of literature will be required as students further develop critical thinking skills, work cooperatively, and develop an understanding and respect of diverse views. In addition, the study of literature will involve reading, discussing, and writing about the works in the text in accordance with state standards. Correct grammar, punctuation, and spelling usage are emphasized in accordance with state standards. This course will be integrated with MCA Modern World History, MCA Spanish, and MCA New Media classes.
MCA participant students only.

721611 MCA ENGLISH

Junior
Year
UC/CSU Approved

Students will increase communication skills (reading, writing, speaking and listening) through an in-depth study of literature and media. This course is a-g approved and will help prepare students for upper-level English courses and college. The course is aligned with the California State Language Arts Framework and is integrated with MCA United States History and MCA elective courses. Students should expect to read college-preparatory literature, write extensively, and create and present multimedia projects.
MCA participant students only.

721623 MCA LITERATURE AND MEDIA

Senior
Year
UC/CSU Approved

Students will increase communication skills (reading, writing, speaking and listening) through an in-depth study of literature, media, fiction, and nonfiction texts to be prepared for post-high school advancement. This course will concentrate on both the California English Standards as well as the use of media throughout history. Students will write extensively, use technology to publish work, and create and present multimedia projects. This course will be integrated with MCA Government and MCA elective classes.
MCA participant students only.

721613 MCA MODERN WORLD HISTORY

Sophomore
Year
UC/CSU Approved

In this college preparatory course, students focus on the major turning points in the shaping of the modern world from the late eighteenth century to the present. The year begins an exploration of the rise of democratic ideas. Study includes the industrial revolution and the imperialism which lead to World War I with its consequential results of totalitarianism and World War II. The year concludes with evaluation of the Cold War and studies of the Middle East, Africa, Latin America, and China, and nation-building in the contemporary world. California State Content Standards provide the framework for this class. This MCA course will use media to create and enhance cross-curricular projects with MCA English 10, New Media, and MCA Spanish classes.
MCA participant students only*.*

721614 MCA UNITED STATES HISTORY

Junior
Year
UC/CSU Approved

In this college preparatory course, students focus on a general chronological survey of U.S. History. The primary focus of the course will be 1900 America to the present. Students will participate in an in-depth investigation of historical events and periods, the fostering of multicultural awareness, the recognition of ethical, civic, and democratic values present in United States history, and the development of a historical perspective in relation to contemporary events, which represent the major aspects of the course. Using the textbook and primary documents and current events, students learn about the various political, social, religious, and economic developments that have shaped and continue to shape the United States. This MCA course will use media to create and enhance cross-curricular projects with MCA English 11 and MCA Spanish classes.
MCA participant students only*.*

721615 MCA US GOVERNMENT

Senior
Year
UC/CSU Approved

In this college preparatory course, students will evaluate the concepts and controlling ideas behind American style representative democracy. The division of power into federal and state levels and the separation of power into legislative, executive, and judicial branches in each of those levels are analyzed. The Constitution and the founding fathers' concept of "civic virtue" will be examined and understood in order for students to become knowledgeable, participating citizens of the republic. The second semester will focus on civil rights and how we relate with our California state and local governments with the rest of the world. Current event readings in weekly news magazines and daily newspapers help students synthesize these vital interactions. California State Content Standards provide the framework for this class. This MCA course will use media to create and enhance cross-curricular projects with MCA English 12.
Community Service is a required component of the US Government class. Twenty hours of community service are required to graduate from Center High School. Community Service must be completed by the end of the third quarter. Students make their own arrangements to complete this

requirement. Opportunities are posted in the Government classrooms and when brought to our attention, we make those options available on a first come, first served basis.

721619 MCA ECONOMICS

Senior
Year
UC/CSU Approved

This course studies the systems which enable societies to cope with scarcity, to allocate resources, and to meet their needs. Which goods and services are produced and how they are distributed are decisions every country must make. How ideas about land, labor and capital contribute to this decision-making process will also be analyzed.
MCA participant students only.

721624 NEW MEDIA

Sophomore
Year

New Media is a year-long Media Communications Academy requirement for MCA sophomores. In this course students will explore the role of the free press in society, the history of media, the effects of popular media on culture, analyze and create stories, practice interviewing, create and deliver PowerPoint and Keynote presentations, evaluate Internet sources while conducting research, improve public speaking skills, and develop basic video and editing skills with iMovie and Final Cut software. Students will be expected to work independently and cooperatively while conducting themselves according to professional workplace standards. The course will culminate in a major multimedia project and presentation.
MCA participant students only.

721601 MCA SPANISH I

Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is suitable for college-preparatory students who have limited or no knowledge of Spanish. Students will read, write, speak, and comprehend using basic Spanish vocabulary. Students will listen to tapes of native Spanish speakers for correct pronunciation and understand the spoken language. Regular completion of projects and homework as assigned is necessary to succeed in this course. Students are expected to participate orally every day.
MCA participant students only.

721602 MCA SPANISH II

Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is suitable for college-preparatory students who have completed Spanish 1 with a C or better. Students will learn more about the teenage Spanish speaking world, including the United States. Students will sustain brief conversations on simple, everyday topics demonstrating understandable pronunciation. Students will summarize, orally and in writing, the main points of a simple reading passage. Regular completion of homework and projects as assigned each night is necessary to succeed in this course. Students are expected to participate in impromptu conversations.
MCA participant only. C or better grade in Spanish I or passing grade on Spanish I final exam.

721603 MCA SPANISH III

Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is suitable for college-preparatory students who have completed Spanish 2 with a C or better. Students will be expected to speak Spanish in class whenever possible. Students will sustain more complex conversations using some specialized vocabulary and structure, including the subjunctive mood. Students will summarize main points of reading passages, adding some detail and opinion. Regular completion of homework and projects as assigned each night is necessary to succeed**.**
MCA participant only. C or better grade in Spanish II or passing grade on Spanish II final exam.

721604 MCA SPANISH IV

Sophomore, Junior, Senior
Year
UC/CSU Approved

This course is suitable for college-preparatory students who have completed Spanish 3 with a grade of C or higher. Students will expand their vocabulary by reading short stories. They will write anecdotes and reports about various countries and cultures where Spanish is the main language. Students will be able to maintain a conversation in Spanish and will use practical Spanish in hypothetical situations of daily life or travel in a Spanish speaking country. The course will include a review of the basic grammar as needed to express ideas. Regular completion of homework and projects as assigned each night is necessary to succeed in this course.
MCA participants only. C or better grade in Spanish III or passing grade on Spanish III final exam.

MCA ELECTIVES

720809 BEGINNING BROADCASTING

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

OPEN TO ALL STUDENTS

Beginning Broadcasting is a course that will enable the students to research and study the cultural context of video as well as the history of technology and the impact of television on society. This course is designed to provide students the opportunity to utilize multimedia broadcasting to express themselves by communicating through the visual arts. Students will study/research film history, videography, studio production, video editing, and postproduction. In addition, students will learn 3D graphics and animation techniques. Emphasis will be placed on the following practices: lecture, notes, research, reading, shooting and editing quality pictures, including good content in programs, and taking responsibility for the programs that are produced. Linear and nonlinear editing will be introduced. For those students intending to go on to college, this course will provide the historical background to help students succeed in all courses that require production and artistic skill.

MCA students given priority.

720807 ADVANCED BROADCASTING

Sophomore, Junior, Senior
Year
UC/CSU Approved

OPEN TO ALL STUDENTS DURING ZERO PERIOD

Advanced broadcast is a course that will provide the knowledge, understanding, and practical experience of gathering, writing and producing news for broadcast media. Theory and hands-on activities will include; the basic principles of three-point lighting, camera video techniques, teleprompting, script writing and editing; computer graphics and animation, research, videotape editing and performance techniques. Students will be exposed to the operation of a broadcast newsroom, ethics in broadcast journalism, interviewing techniques and media criticism. Students will gain the necessary skills and information to continue their education in the field of broadcast journalism at the college level as well as the option of entry-level internships in video related fields. Students will work in teams, and participate in a series of projects which showcase their reporting, editing, and production skills for broadcast media.
MCA students given priority.

720609 COMPUTER GRAPHICS

Sophomore, Junior, Senior
Year
UC/CSU Approved

OPEN TO ALL STUDENTS

This year-long course will introduce computer graphic tools and techniques used in producing designs, illustrations, photographs, motion graphics, animations and web page design. Emphasis will be placed on strengthening communication and critical thinking skills, problem

solving, and the creative process. Students will gain marketable skills for the workplace and technological proficiency for college. The course meets VPA requirements for graduation and college admissions. Donation requested for the required sketchbook.
MCA students given priority.

721094 ADVANCED COMPUTER GRAPHICS

Sophomore, Junior, Senior
Year

In this one-year course, students will learn basic and advanced computer graphic techniques with an emphasis on formal artistic criteria and arts media standards to create the following: 3D images and virtual environments using Photoshop, Illustrator, Flash and Light Wave to create still images and animations. Advanced motion graphics and compositing using After Effects and Motion, Premiere and Final Cut Pro X Web page and Website design using Flash, Fireworks and Dreamweaver. **Recommendation: Successful completion of computer graphics or any media course taken in high school with a grade of C or better. MCA students given priority.**

721622 HISTORY OF FILM

Junior, Senior
Semester
OPEN TO ALL STUDENTS
Pending a-g Approval

This course examines film making from about the 1800s through the present. Its main objective is to familiarize students with the history of American film, with a special focus on films that have been highly influential both culturally and aesthetically. This course examines the history of mainly American cinema from the progression of the invention of the movie camera, silent era into the era of the studio monopolies and on through the contemporary blockbuster. Films will be studied for their artistic, cultural, and historical meanings. Screenings will include films from all genres (dramas, comedies, musicals, film noir, westerns, science fiction, etc.) and by directors such as Charlie Chaplin, Victor Fleming, Michael Curtiz, Orson Welles, D.W. Griffith, Stanley Donen, Gene Kelly, Alfred Hitchcock, Francis Ford Coppola, Steven Spielberg, George Lucas, etc. Students will also learn how to interpret film form (narrative structure, storytelling modes, etc.) and style (lighting, staging, acting, camerawork, editing, sound, etc.). This course provides a foundation of knowledge for aspiring movie makers, for students interested in further film study, and for those who simply desire a deeper appreciation of American cinema and mass culture.
MCA students given priority.

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PHYSICAL EDUCATION

REQUIRED COURSES

*****The three classes listed below are required for graduation***

720261 HEALTH

Freshman
Semester

A graduation requirement, the Health curriculum will include the topics of wellness, physical and mental health, nutrition, drug, alcohol and tobacco education, family life, sexually transmitted diseases, AIDS/HIV education, first aid and CPR.

720251 PHYSICAL EDUCATION COURSE 1

Freshman
Year

Freshman enrolled in this course will participate in a wide variety of activities, as well as individual and dual sports and daily fitness activities. Units will be three weeks in length and will include badminton, circuit training, dance, frisbee golf, golf, pickleball, ping pong, track, 2 on 2 volleyball and 2 on 2 basketball. The Fitnessgram, a state mandated fitness test, is administered to all freshman students. Students are expected to dress properly, participate in activities, demonstrate good attitudes, and show progress in skills and knowledge of activities.

720252 PHYSICAL EDUCATION COURSE 2

Sophomore
Year

Sophomores enrolled in this course will participate in a wide variety of activities focused on team sports, combatives and daily fitness. Units will be three weeks in length and will include volleyball, football, circuit training, basketball, softball, soccer, field hockey, and body weight exercises. Students are expected to dress properly, participate in activities, demonstrate good attitudes and show progress in skills and knowledge of activities.

PHYSICAL EDUCATION ELECTIVES

All courses listed below do not meet physical education graduation requirements but they count for elective credit and may be taken more than once.

722105 ADVANCED SOCCER (co-ed)

Freshman, Sophomore, Junior, Senior
Semester/Year

Students will focus on the essential fundamentals of the game in order to improve their overall performance on the soccer field. Instruction of the following will be given on technical enhancement ball control, trapping, dribbling, passing, shooting, tactical enhancement formations, position responsibilities, goalkeeping strategies, attacking patterns, defensive positioning/responsibilities strength and conditioning drills and tasks designed to improve muscle development and stamina specifically for soccer (plyometrics, weight lifting, sprint/distance running). Along with the above mentioned items, students will be given evaluations on specific skills in order to improve individual performance. These tasks will include: juggling performance, shooting accuracy, speed of dribbling, left and right foot development, heading accuracy and positioning strategies. This course can be taken for a semester or a year for elective credit.

720268 ALTERNATIVE PHYSICAL EDUCATION

Freshman, Sophomore, Junior, Senior
Semester/Year

This is a course designed for those students who want an alternative approach to physical activity. This class will help students increase flexibility and strength by participating in yoga, Pilates, weight training, and barre exercises. Students will also increase cardiovascular fitness as they participate in step aerobic movement and power walking. This class will emphasize nutrition and weight management. This course can be taken for a semester or a year for elective credit.

722106 ATHLETIC PHYSICAL EDUCATION

Sophomore, Junior, Senior
Semester/Year

This course is designed to assist today's student athletes in balancing the demands of athletics and academics. It is meant for serious athletes who desire to improve their athletic and academic skills. Areas of emphasis will be on learning styles, conditioning, endurance training, sports psychology, tutoring, sports theories, injury prevention, nutrition, self-analysis, history of sports, and application of sports knowledge to lifelong learning. This course can be taken for a semester or a year for elective credit. **Recommendations: Students must receive written permission from head coach of the specific sport. Varsity athletes only.**

720255 BEGINNING DANCE

Freshman, Sophomore, Junior, Senior
Year

Students will become proficient in dance steps, movement, and choreography at a beginning level. Units will be four to six weeks in length, and will include stretching and flexibility exercises, ballet, jazz, cultural dance, and modern dance. This course can be taken for a semester or a year for elective credit.

726254 FOOTBALL SPORTS PHYSICAL EDUCATION

Sophomore, Junior, Senior
Semester/Year

This course is designed to assist today's student athletes in balancing the demands of football and academics and to prepare athletes to compete in football at the varsity level by participating in strength training, flexibility training, agility training, cardiovascular fitness training, and technique work. This course can be taken for a semester or a year for elective credit. ***Students must receive written permission from the head football coach.***

720256 INTERMEDIATE DANCE

Sophomore, Junior, Senior
Year
UC/CSU Approved

Students will become proficient in dance steps, movement, and choreography at an intermediate level. This course may be taken for elective credit or a year of Performing Arts. Units will include ballet, modern dance, jazz dance, cultural dance, choreography, improvisation, dance history, dance performances, and dance productions. This dance course meets the California State University and University of California requirements for Visual Performing Arts. This course will be taken for a year for VAPA or elective credit.
Recommendation: Successful completion of Beginning Dance with a C or higher.

722107 STRENGTH AND CONDITIONING

Sophomore, Junior, Senior
Semester/Year

This course is designed to provide the opportunity to develop high levels of fitness through involvement in weight training, running, plyometrics, and calisthenics. This course is open to all students and can be taken for a semester or a year for elective credit.
Recommendations: Grade C or better in Physical Education Course 1 and Physical Education Course 2.

720270 STRICTLY GAMES

Sophomore, Junior, Senior
Semester/Year

This course is designed for students who just want to play team sports and individual games without the physical fitness testing. Students will be graded strictly on class participation. That means no mile or daily running, but students are required to be active all period. Various sports will be played depending on facilities. Basketball, volleyball, soccer, flag football, tennis, badminton, hockey, and softball are some of the sports offered. This course can be taken for a semester or a year for elective credit.

720258 WEIGHT TRAINING

Freshman, Sophomore, Junior, Senior
Semester/Year

This is a course designed for those who want to learn proper lifting techniques using free weights and machines. Students will be required to develop and follow a weight-training program. The course includes running and monthly strength testing. This course can be taken for a semester or a year for elective credit.

PLTW - ENGINEERING AND BIOMEDICAL SCIENCES

SPECIAL ADVANTAGES OF TAKING PLTW COURSES:

- Students who earn an A or B in IED can receive 3 transferable college units.
- Students with PLTW background are often preferred over non-PLTW students in the college application process.
- The College Board now gives special recognition to students who take a combination of three or more AP and PLTW courses and pass exams in each.

ENGINEERING

720750 INTRODUCTION TO ENGINEERING DESIGN (IED)

Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

The major focus of this course is learning how to take an idea through a design process that will eventually lead to manufacturing or producing a product. As students learn about various aspects of engineering and design, such as how engineers communicate through drawing, they apply knowledge through various activities, projects, and problems. Students use state-of-the-art 3D modeling software to help them design. Students learn about documenting solutions, solving problems, and communicating solutions to other students and members of the professional community. **Recommendations: Passed Math 8 or Integrated Math 1 or higher with a C or higher, or demonstrate proficiency on a math entry exam.**

720754 PRINCIPLES OF ENGINEERING (POE)

Sophomore, Junior, Senior
Year
UC/CSU Approved

This survey course of engineering exposes students to some of the major concepts they'll encounter in a postsecondary engineering course of study. Through hands-on projects and activities, students explore major concepts like mechanisms, energy, statics, materials, kinematics, and automated robotics systems.
Recommendations: Must have taken and passed Introduction to Engineering Design (IED) or be a Junior or Senior who has passed Geometry or higher with a C or higher.

720755 DIGITAL ELECTRONICS (DE)

Junior, Senior
Year
UC/CSU Approved

From smartphones to appliances, digital circuits are all around us. This third PLTW Engineering course provides a foundation in electrical engineering, electronics, and circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.
Recommendations: Must have taken and passed Principles of Engineering (POE) or be a senior who has passed Pre-Calculus or higher with a C or higher.

BIOMEDICAL SCIENCES

720751 PRINCIPLES OF THE BIOMEDICAL SCIENCE (PBS)

Sophomore, Junior, Senior
Year
UC/CSU Approved

Project lead the way is a college preparatory biomedical program designed for students that wish to pursue a post-secondary education with an emphasis on careers in the health sciences. PBS is the first in a series of three biomedical courses offered in succession. Students explore the concepts of human medicine and are introduced to research processes and to bioinformatics. Applied hands-on projects enable students to investigate human body systems and various health conditions, including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Over the length of the course, students work together to determine the factors that led to the death of a fictional person. After pinpointing those factors, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. The key biological concepts embedded in the curriculum include homeostasis, metabolism, and inheritance of traits, feedback systems, and defense against disease. Where appropriate engineering principles are also incorporated into the curriculum. These include the design process, feedback loops, fluid dynamics, and the relationship of structure to function. This is the foundation course for the Project Lead the Way Biomedical program.
Recommendations: If entering 9th grade, 8th grade science grades must be an "A" or "B" to be considered for this class.

720753 HUMAN BODY SYSTEMS (HBS)

Junior, Senior
Year
UC/CSU Approved

Human Body Systems is the second course offered in the Project Lead the Way Biomedical Program. This course is designed for 11-12 graders who have completed (PBS) Principles of Biomedical Sciences with a C or higher. Seniors new to the program may opt to take HBS instead of PBS as long as the Recommendation of biology with a C or higher as been meet. Sophomores or juniors new to the PLTW Biomedical program should enroll in (PBS) Principles of Biomedical Sciences. Project lead the way is a college preparatory biomedical program designed for students that wish to pursue a post-secondary education with an emphasis on

careers in the health sciences. Students examine the interaction of human body systems as they explore identity, power, movement, protection and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries.
Recommendations: Completion of PBS with C or higher. Seniors- Completion of Biology with C or higher.

724010 MEDICAL INTERVENTIONS (MI)

Junior, Senior
Year
UC/CSU Approved

Medical Interventions is the third course offered in the Project Lead the Way Biomedical Program. This course is designed for 11-12 graders who have successfully completed Principles of Biomedical Sciences (PBS) and Human Body Systems (HBS). In this course, "students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics."- *PLTW program website*
Recommendation: Successful completion of PBS and HBS with a C or higher or seniors who have completed PBS only.

PUBLICATIONS AND JOURNALISM COURSES

720801 BEGINNING JOURNALISM
Freshman, Sophomore, Junior, Senior
Year

This introductory course provides training in all phases of journalism, focusing on the fundamentals of news writing, examining advertising as a revenue source, and scrutinizing the mass media for impact on society and employment. Legal and ethical issues relating to media will also be studied. Students will learn the fundamentals of desktop publishing and graphic design. This course is recommended for students who have mastered writing and grammar skills.
Recommendations: Completion of previous English course with a "B" or higher.

720802 ADVANCED JOURNALISM / PRODUCTIONS NEWSPAPER
Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This class covers all phases of newspaper production, including news gathering, writing, copy editing, layout design, paste-up, and advertising. Students are expected to sell advertising as means of financing the newspaper. Students are expected to meet deadlines for each issue, which may necessitate spending time after school.
Recommendations: Completion of Beginning Journalism AND completion of previous English course with a "C" or higher. Publications/Journalism teacher's signature required.

720802 ADVANCED JOURNALISM / PRODUCTIONS YEARBOOK
Sophomore, Junior, Senior
Year
UC/CSU Approved

This course provides training for work on the school yearbook. The course will build skills in proofreading, text layout, advertising, and basic photography. The students will be assigned a job and given a list of duties to be performed throughout the course. Students will be responsible for their assigned areas, as well as for sharing responsibility for yearbook production. Students will be expected to help sell advertisement space in the yearbook as part of the training in this course. Students will be expected to be in class regularly, participate in the production of the yearbook, and meet deadlines, which may require extra time after class. Homework early in the course will center on improving production skills.
Recommendations: Completion of Beginning Journalism AND completion of previous English course with a "C" or higher. Publications/Journalism teacher's signature required.

SCIENCE

720304 EARTH SCIENCE
Freshman, Sophomore, Junior, Senior
Year

Earth Science is designed as an entry-level high school science course. Students will study topics such as; the scientific method, geology, meteorology, oceanography and astronomy. Earth Science includes: plate tectonics, rock cycles, mineral composition, volcano types, biogeochemical cycles, natural resources and hazards, climate and weather patterns, astronomy and earth stewardship and conservation of resources. All students must take notes and maintain appropriate laboratory behavior. Students should expect to be assigned homework and projects.

720316 LIFE SCIENCE
Sophomore, Junior, Senior
Year

This course is an introductory course designed to complete a second year of science required for graduation. The course will focus on biological principles that influence humans in their daily lives and help students understand their role in the global community. Topics will include cell biology, health related issues, genetics, evolution and ecology, including conservation and sustainability of our environment. Students will experience a variety of instructional modalities, including laboratory activities, projects and presentations.
Recommendation: Successful completion of Earth Science

720303 BIOLOGY
Sophomore, Junior, Senior
Year
UC/CSU Approved

Biology is a college-preparatory course for those students interested in the math/science fields. Successful completion of this course fulfills the UC/CSU laboratory life science requirement for admission. The course covers the major topics of biology including scientific processes, cells, genetics, evolution, ecology, and human biology, while addressing the four disciplinary core ideas of life science: *(1) From Molecules to Organisms: Structure and Processes (2) Ecosystems: Interactions, Energy and Dynamics (3) Heredity: Inheritance and Variation of Traits (4) Biological Evolution: Unity and Diversity.*

An investigative approach will be stressed and ample time for student interaction will occur during various labs and research projects. Labs are conducted 1-2 times per week to reinforce concepts and chapter readings and homework will be assigned 2-3 times per week. Typically, 20-45 minutes should be set aside to complete homework, when assigned. Career and postsecondary educational opportunities are emphasized to make the content more relevant to students. Numerous computer based labs and study guides will be utilized to support the text material.
Recommendation: Concurrent enrollment in Integrated HS Math I and successful completion of the previous science with a "B" or higher.

720305 CHEMISTRY

Sophomore, Junior, Senior
Year
UC/CSU Approved

This introductory course is designed for college bound students who have interests in science related careers. The following topics will be studied within the scope of this course: atomic theory and the mole concept, kinetic theory, atomic structure and chemical bonding, principles of chemical reactions, and oxidation and reduction reactions. Students completing the course will have sufficient background in chemistry to successfully complete a college-level introductory chemistry course. Students are expected to listen attentively in class and during laboratory investigations. Frequent problem sets and lab write-ups are assigned that require disciplined study habits. Students should expect approximately three hours of homework per week.
It is recommended that only students with very strong mathematics skills attempt Chemistry as sophomores.
Recommendation: Concurrent enrollment in Honors Integrated Math II or higher.

720306 PHYSICS

Sophomore, Junior, Senior
Year
UC/CSU Approved

This course provides mathematical and conceptual understanding of the ideas of physics. Major fields will be introduced providing the student with a conceptual base in mechanics, thermodynamics, electricity, and magnetism. Students will be encouraged to discover the principles of physics in everything they do and see, recognizing physics as the most fundamental and all inclusive of the sciences. Students will be expected to think creatively, participate in classroom discussion, analyze cause and effect in demonstrations, and take accurate lecture notes. Frequent problem sets and assigned reading will require approximately three hours of homework per week. It is recommended that only students with very strong mathematics skills attempt Physics as sophomores.
Recommendations: Concurrent enrollment in Integrated Math III or higher.

SCIENCE ELECTIVES

720317 HONORS PHYSICS
Junior, Senior
Year
UC/CSU Approved

Honors Physics provides a systematic introduction to the main principles of physics, including: mechanics, electricity and magnetism, kinetic theory, thermodynamics, wave and optics, and modern physics. Advanced algebra and geometry are frequently used as tools to develop the student's problem solving abilities. Honors Physics provides a foundation in physics for further college study in the fields of life science, pre-medicine and applied sciences as well as advanced study in engineering, chemistry and physics.
Recommendations: Concurrent enrollment in Honors Integrated Math III or higher.

720309 AP® BIOLOGY & 720310 BIOLOGY LAB (AP)- to be taken concurrently with AP Biology
Junior, Senior
Year
UC/CSU Approved

This is a college level course designed to prepare students for the rigors of college level science lab classes and the AP Biology exam. This exam, if passed will provide an equivalency of several semester units of science credit at many colleges and universities. This course covers the Big Ideas of Biology, as set forth by the College Board AP Biology Course Description, including Evolution, Free Energy, Information and Systems. A large component of the course is investigative laboratory work conducted by the students, including collection and analysis of data and presentation of their findings. Students should have a strong interest in biology, superior note taking skills and exemplary laboratory conduct.
Due to the amount of material covered and the complexity of many of the laboratory activities, two blocks of time (A and B days) *are required* for this course. Ten units of credit are awarded each semester for the combined course and lab (five for AP Biology and five for AP Biology Lab).
Recommended: Completion of Chemistry and Biology with a "B" or higher.

SOCIAL SCIENCE

720776 GEOGRAPHY

Freshman
Year

In this semester course students will become familiar with the world using the five geographic themes and essential elements. Students should develop skills and knowledge about location, place, human/environmental interaction, movement, and regions. The course will compare and contrast these themes across all continents.

720775 HONORS GEOGRAPHY

Freshman
Year

In this semester course students will become familiar with the world using the five geographic themes and essential elements. Students should develop skills and knowledge about location, place, human/environmental interaction, movement, and regions. The course will compare and contrast these themes across all continents. Special attention must be given to the most essential skills and knowledge of the discipline. The course should focus on geographic habits of mind to promote higher-level thinking and problem solving. The course should require students to apply skills and knowledge to content information involving different regions of the world. The course should be rigorous and relevant with instruction that integrates thinking skills, historical processes, and content so that students are able to apply the learning to their own lives. Students are able to apply their geographic knowledge to their community, state, nation, world, and themselves. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities.

Recommendations: Completion of 8th Grade United States History with a "B" or higher, 8th Grade United States History teacher recommendation, and required student/parent/teacher signed contract.

721501 MODERN WORLD HISTORY

Sophomore
Year
UC/CSU Approved

In this college preparatory course, students focus on the major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins an exploration of the rise of democratic ideas. Study includes the industrial revolution and the imperialism which lead to World War I with its consequential results of totalitarianism and World War II. The year concludes with evaluation of the Cold War and studies of the Middle East, Africa, Latin America, and China, and nation-building in the contemporary world. California State Content Standards provide the framework for this class.

721502 HONORS MODERN WORLD HISTORY

Sophomore
Year
UC/CSU Approved

In this college preparatory course, students focus on the major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins an exploration of the rise of democratic ideas. Study includes the industrial revolution and the imperialism leading to World War I with its consequential results of totalitarianism and World War II. The year concludes with evaluation of the Cold War and studies of the Middle East, Africa, Latin America and China, and nation-building in the contemporary world. California State Content Standards provide the framework for this class. This course will provide both breadth and depth of exploration in the subject area and develop writing, research and analytical skills that is more challenging than the college preparatory World History course. This course also requires more extensive reading, a comprehensive final examination, and a research paper that is linked with Honors English 10.
Recommendation: Completion of English 9 with a "B" or higher, English 9 teacher recommendation, and required student/parent/teacher signed contract.

721503 UNITED STATES HISTORY

Junior
Year
UC/CSU Approved

In this college-preparatory course, students focus on a general chronological survey of U.S. History. The primary focus of the course will be 1900 America to the present. Students will participate in an in-depth investigation of historical events and periods, the fostering of multicultural awareness, the recognition of ethical, civic, and democratic values present in United States history, and the development of a historical perspective in relation to contemporary events. Using the textbook and primary documents and current events, students learn about the various political, social, religious, and economic developments that have shaped and continue to shape the United States.

721513 AP® UNITED STATES HISTORY

Junior
Year
UC/CSU Approved

Designed for university-bound students, AP U.S. History is a rigorous, in-depth examination of the course of American economic, political, and social development from colonial to contemporary times. Preparation for academic success in college work and testing is a major focus of this course. Students will engage in the process of framing an inquiry, selecting relevant sources, and organizing evidence in support of a hypothesis using primary and secondary sources of information in their analysis. Students will strengthen their skills in logic, analytical reading, critical thinking, and high-level expository writing. AP students are expected to sign up for and take the AP exam. A successful performance on the Advanced Placement Exam will enable students to obtain college credit in United States History at selected colleges and universities. This course follows the national AP United States History framework and not the California State Standards for US History.
Recommendation: Grade of "B" or better in World History and English 10 or "C" or better in Honors World History and Honors English 10. Instructor approval and required student-parent-teacher signed contract.

721505 ECONOMICS

Senior
Semester
UC/CSU Approved

In this college preparatory course, students will master fundamental economic concepts, ranging from the viewpoint of the individual consumer or small business owner to the global economy. Students will study the law of supply and demand, business firms, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. They will use measurement concepts and methods such as tables, charts, and graphs to understand and interpret relevant data. This one semester course alternates with US Government. California State Content Standards provide the framework for this class.

721509 AP® MACROECONOMICS

Senior
Semester
UC/CSU Approved

This college level course is designed for students with an above average grade in previous social studies classes, have an interest and aptitude in social studies concepts, and have excellent study habits. During the semester, students will engage in learning designed to prepare them for the AP Macroeconomics test, which if passed carries equivalency units at most colleges and universities. From the beginning of the semester to the exam date, students will develop an understanding of the principles of economics as it relates to an economic system of a nation. Throughout our course of study, we will continue to build upon the basic economic concepts of scarcity, opportunity cost, supply and demand, business cycle, unemployment, inflation, and economic growth. With this basic understanding of economics, students will be able to apply the basics to further understand and analyze the macroeconomics concepts and ideas. The expectation is that all students taking AP Macroeconomics will take the exam in May. The course will prepare students for the AP® Macroeconomics exam which if passed, carries equivalency units at most colleges and universities. This course offers an intense analysis of Macroeconomics theory.
Recommendation: Completion of United States History with a "B" or higher or AP United States History with a "C" or higher, teacher recommendation and required student/parent/teacher signed contract.

721506 US GOVERNMENT

Senior
Year
UC/CSU Approved

In this college preparatory course, students will evaluate the concepts and controlling ideas behind American style representative democracy. The division of power into federal and state levels and the separation of power into legislative, executive, and judicial branches in each of those levels are analyzed. The Constitution and the founding fathers' concept of "civic virtue" will be examined and understood in order for students to become knowledgeable, participating citizens of the republic. The second semester will focus on civil rights and how we relate with our California state and local governments with the rest of the world. Current event readings in weekly news magazines and daily newspapers help students synthesize these vital interactions. California State Content Standards provide the framework for this class.
Community Service is a required component of the US Government class. Twenty hours of community service are required to graduate from Center High School. Community Service must be

completed by the end of the third quarter. Students make their own arrangements to complete this requirement. Opportunities are posted in the Government classrooms and when brought to our attention, we make those options available on a first come, first serve basis.

721515 AP® US GOVERNMENT / POLITICS

Senior
Year
UC/CSU Approved

This college level course is designed for students with above average grades in previous social studies classes, who have an interest and aptitude in social studies concepts, and have excellent study habits. The course will prepare students for the AP® Government Exam which, if passed, earns equivalency units at most colleges and universities. In this year long course, students will develop an understanding of the political culture of the United States through a study of ideas, institutions, policies, roles and behavior of the people. Throughout our course of study, we will we examine the significance of concepts and themes presented through a political lens by applying reasoning to assess political events and to interpret data with critical analysis. The first semester will cover foundations to US democracy and the development of the two party system in the United States. The second semester will focus on political institutions including Congress, the President and the Courts. The course will end with an intense study of civil rights and liberties in our country. Students who take AP Government are expected to take the AP exam in May.
Community Service is a required component of the AP US Government class. Twenty hours of community service are required to graduate from Center High School. Community Service must be completed by the end of the third quarter. Students make their own arrangements to complete this requirement. Opportunities are posted in the Government classrooms and when brought to our attention, we make those options available on a first come, first serve basis.
Recommendation: Completion of United States History with a "B" or higher or AP United States History with a "C" or higher, teacher recommendation and required student/parent/teacher signed contract.

SOCIAL SCIENCE ELECTIVES

721510 PSYCHOLOGY

Sophomore, Junior, Senior
Semester
UC/CSU Approved

This course studies and tries to explain the relationship between visible behaviors and the invisible mental processes, which cause them. Students will survey psychological topics including: perception, emotion, thinking, learning, and personality. The overall goal of psychology is to understand and predict behavior, so students will examine how psychologists use experiments, tests, interviews and observations to achieve that goal. Students will be expected to complete homework, including one research project, to the best of their abilities.

721520 AP® PSYCHOLOGY

Junior, Senior
Year
UC/CSU Approved

This course is intended to prepare students to take the AP® Psychology exam. Students will be introduced to the historical perspectives, research methods, biological basis of behavior, sensation and perception, states of consciousness, learning, cognition, emotion, motivation, lifespan and development, personality theories, abnormal psychology and the treatment of disorders, social psychology and testing and individual differences. Hands on experiments and demonstrations, group projects and peer presentations are part of the requirements.

Recommendation: Completion of Biology with a "B" or higher or PLTW Principles of Body Systems with a "C" or higher, teacher recommendation and required student/parent/teacher signed contract.

SUPPORT SERVICES

RESOURCE SPECIALIST PROGRAM (RSP) / SPECIAL DAY CLASS (SDC)

The RSP/SDC programs provide instruction and services identified, assessed and placed within the programs by an individualized education team. Special Services will provide consultant and resource material to parents, students and general education teachers; coordinate special education services with general education programs; monitor pupil progress; and emphasize academic achievement, career and vocational development, and preparation for adult life.

Admission to any of the following courses is limited to students who have current status as resource students, as verified by an Individualized Education Plan, IEP.

723105 STUDY SKILLS

Freshman, Sophomore, Junior, Senior
Year

The Study Skills class is a period of instruction designed to support the academic needs of students who have active IEPs. The Study Skills curriculum consists of active development of study and organizational skills. The specific focus of the academic support is designed to assist students in core subject areas and courses required for graduation.
Recommendation: Placement based on IEP.

SPECIAL DAY CLASSES

In the Special Day Class (SDC) program, the strengths and weaknesses of each learner are assessed, and programs are tailored to meet individual needs. Our program is designed to assist students who have not profited in a regular classroom setting. The primary goal of the SDC program is to offer a means of individualizing the educational classes of students, in grades nine through twelve, whose needs are most effectively met through an educational and vocational strategy outside of the regular instruction program. This course of study is consistent with the Center Unified School District's curriculum and course of study, offering English, Social Science, Mathematics, and Science and as needed, driver's education and health/safety. Throughout the grades, particular emphasis is placed on hands-on math, science and vocational career success.

722210 CMC/D

Freshman, Sophomore, Junior, Senior
Year

This course teaches basic knowledge in multiplication, division, decimals, fractions, measurements, perimeter, area, volume, and the coordinate system. Extensive problem-solving activities emphasize strategies with tables, number families and ratios. Connecting Math Concepts is a balanced, research-supported mathematics program that teaches students to use mathematics in their everyday lives with understanding and success.
Recommendation: Placement based on IEP.

722227 CORE CONNECTIONS, COURSE 1

Freshman
Year

This course is the first of a four-year sequence of courses designed to prepare students for a rigorous algebra course. It uses a problem-based approach with concrete models. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts. The lessons in the course meet all of the content standards and embed the "Mathematical Practices" of the Common Core State Standards (released in June 2010). The following areas will be covered in Volume 1: Introduction and Representation, Arithmetic Strategies and Area, Portions and Integers, Variables and Ratios, Multiplying Fractions and Area. The following areas will be covered in Volume 2: Dividing and Building Expressions, Rates and Operations, Statistics and Multiplication Equations, Volume and Percent.

Recommendation: Placement based on IEP.

722228 CORE CONNECTIONS, COURSE 2

Freshman, Sophomore
Year

This course is the second of a four-year sequence of courses designed to prepare students for a rigorous college preparatory algebra course. It uses a problem-based approach with concrete models. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts. The lessons in the course meet all of the content standards and embed the "Mathematical Practices" of the Common Core State Standards released in June 2010. The following area will be covered in Volume 1: Introduction and Probability, Fractions and Integer Addition, Arithmetic Properties, Proportions and Expressions, and Probability and Solving Word Problems. The following area will be covered in Volume 2: Solving Inequalities and Equations, Proportions and Percents, Statistics and Angle Relationships, and Circle and Volume.

Recommendation: Placement based on IEP.

SDC ENGLISH CURRICULUM

The English curriculum for the Special Services classes stresses the practical application of basic English skills needed to function successfully in the everyday world. The reading curriculum focuses on the development of decoding skills, reading fluency, vocabulary and reading comprehension.

The language arts skills of writing, listening and speaking are taught and practiced in increasingly complex situations as the student progresses from freshman to senior. Study skills, organizational skills and memory skills are embedded into classroom instructions and activities.

723109 ENGLISH 9

Freshman
Year

This course is designed for students who are far below grade level in reading, decoding, comprehension, and writing skills. English 9 teaches the necessary skills for gaining information through listening, reading, and communicating with others through speaking and writing. A strong focus on the elements of the writing process will be devoted to improving written language skills. The Corrective Reading program will primarily be used to develop reading and decoding skills. In addition, the study of literature will involve readings from the grade 9 literature text as well as numerous selections from the core literature curriculum.
Recommendation: Placement based on IEP.

723110 ENGLISH 10

Sophomore
Year

This course is designed for students who are far below grade level in reading, decoding, comprehension, and writing skills. English 10 teaches the necessary skills for gaining information through listening, reading, and communicating through speaking and writing. A strong focus on the elements of the writing process will be devoted to improving written language skills. The writing section will cover writing strategies, applications, and the conventions of Standard English. The Corrective Reading will be used for the development of vocabulary, decoding and comprehension skills. In addition, the study of literature will involve readings from the grade 10 literature text as well as numerous selections from the core literature curriculum.
Recommendation: Placement based on IEP.

723111 ENGLISH 11

Junior
Year

This course is designed for students who are far below grade level in reading and writing skills. English 11 teaches the necessary skills for gaining information through listening, reading, and communicating through speaking and writing. A strong focus on the elements of the writing process will be devoted to developing essay writing skills. The writing section will cover writing strategies, applications, and the conventions of Standard English. In addition, the study of literature will involve readings from grade 11 core literature curriculum and making connections with the literature through written responses.
Recommendation: Placement based on IEP.

723112 ENGLISH 12

Senior
Year

This course is designed for students who are far below grade level in reading and writing skills. English 12 teaches the necessary skills for applying information through listening, reading, and communicating through speaking and writing. A strong focus on the elements of the writing process will be devoted to developing a variety of essay writing skills. The writing section will cover writing strategies, applications, and the conventions of Standard English. In addition, the study of literature will involve development of critical thinking skills connected to literature and applying those connections with literature through written responses.
Recommendation: Placement based on IEP.

723182 LITERATURE AND COMPOSITION

Freshman, Sophomore, Junior, Senior
Year

RSP English courses utilize the Pearson Literature program used in all English classes. The courses emphasize reading comprehension and writing skills, while exposing the students to a wide variety of literary genre. This course also addresses the goals and objectives as stated in individual educational plans.
Recommendation: Placement based on IEP.

723181 HEALTH and PERSONAL DEVELOPMENT

Freshman, Sophomore, Junior, Senior
Semester

This course is a semester class. It will prepare students to live healthy lives by knowing and practicing wellness. Practical applications of positive health practices are stressed. Parent permission is required for a student to participate in the family life portion of this class.
Recommendation: Placement based on IEP.

723183 GEOGRAPHY

Freshman
Year

In this semester course students will become familiar with the world using the five geographic themes and essential elements. Students should develop skills and knowledge about location, place, human/environmental interaction, movement, and regions. The course will compare and contrast these themes across all continents. Students will be interacting with maps through a variety of mediums. This course will loosely follow the general education class.
Recommendation: Placement based on IEP.

723121 MODERN WORLD HISTORY

Sophomore
Year

Students will focus on the major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins an exploration of the rise of democratic ideas. Study includes the industrial revolution and the imperialism which lead to World War I with its consequential results of totalitarianism and World War II. The year concludes with evaluation of the Cold War and studies of the Middle East, Africa, Latin America, and China, and nation-building in the contemporary world. California State Content Standards provide the framework for this class.
Recommendation: Placement based on IEP.

723117 UNITED STATES HISTORY

Junior
Year

Students will focus on a general chronological survey of U.S. History. The primary focus of the course will be 1900 America to the present. Students will participate in an investigation of historical events and periods, the fostering of multicultural awareness, the recognition of ethical, civic, and democratic values present in United States history, and the development of a historical perspective in relation to contemporary events. Using the textbook and primary documents and current events, students learn about the various political, social, religious, and economic developments that have shaped and continue to shape the United States. **Recommendation: Placement based on IEP.**

723118 U.S. GOVERNMENT

Senior
Year

Government will be a full year course. It covers the structure, philosophy, and development of American Government. The significance of the Declaration of Independence, the writing of the Constitution, the three branches of government, political parties, and the election process will be studied. Community Service is a required component of the US Government class. Twenty hours of community service are required to graduate from Center High School. Community Service must be completed by the end of the third quarter. Students make their own arrangements to complete this requirement. Opportunities are posted in the Government classrooms and when brought to our attention, we make those options available on a first come, first serve basis
Recommendation: Placement based on IEP.

723119 CONSUMER FINANCE/ECONOMICS

Senior
Semester

Consumer Finance is a one-semester course required for all seniors, focusing on the student's role as a citizen, student, family member, consumer, and active participant in the work and business world. Students will plan monthly budgets, complete banking transactions, pay bills, and explore employment opportunities, salary/income, money management, and the use of credit cards. Students must complete a portfolio as a culminating activity.
Recommendation: Placement based on IEP.

723130 SCIENCE
Freshman
Year

This Science 1 course is designed as an entry-level high school science course. Students will study topics such as; scientific method, geology, meteorology, and astronomy. Earth Science includes: plate tectonics, rock cycles, mineral composition, climate and weather patterns, the solar system, stars and galaxies. All students are expected to participate in class discussion, complete group and individual work and keep a journal. This course does not include a lab.
Recommendation: Placement based on IEP.

723451 Computer Applications
Freshman
Semester

This is a one semester course designed to prepare the student to utilize Microsoft 2010 and meets the computer requirement for graduation. Students will learn basic keyboarding skills, learn to format business letters, tables, and reports. This course will introduce students to effective communication technology skills.
Recommendation: Placement based on IEP.

723452 COMPUTER APPLICATIONS II
Sophomore, Junior, Senior
Year

This year long course is designed to familiarize students with video and audio based computer applications. The class will be introduced to advanced PowerPoint production, photo and video editing, as well as digital audio production.
Recommendations: Successful completion of Computer Applications I or Career Tech I. Students must also have an active IEP.

722214 Intro. to Integrated/INTEGRATED HS MATH LAB
Freshman, Sophomore, Junior, Senior
Semester/Year

This is an elective course designed to provide academic support to students with an active IEP in “Intro to Integrated Math ” or “Integrated HS Math 1” general education math classes.
Recommendation: Placement based on IEP.

723176 WHY TRY?
Sophomore, Junior, Senior
Semester

The purpose of this semester course is to utilize the Why Try program to teach youth, using ten visual analogies, to help them deal with life's daily pressures and challenges. The goal is to help answer the question "Why Try in life?" This program teaches youth that trying hard in life and putting effort into challenges at home, at school and with peers is worth the effort. The program

stresses that making good decisions can be difficult but, in doing so, results in more freedom, opportunity and self-respect. This course walks students through a personal journal that will give them the tools to be more successful in life.
Recommendation: Placement based on IEP and Teacher signature required.

723333 TUTORIAL
Sophomore, Junior, Senior
Year

This year long course gives students an opportunity to work on and receive help with general education and special education assignments and tests. Life Skills development is incorporated into the curriculum via the Quarterly Life Skills project.
Recommendation: Placement based on IEP and enrolled in SDC classes.

723191 TRANSITION SKILLS
Sophomore, Junior, Senior
Year

The purpose of this year long course is to aid and assist support services students through the college and career planning process and, ultimately, to help prepare their own Transition/College and Career Action Plan. By following the hands on exercises and gathering related materials throughout this process, the Transition/College and Career Action Plan will help the students to pursue their life, college, and career goals more effectively. This course will give students the opportunity to assess their own individual skills and be able to determine the college, type of jobs they can obtain for employment, as well as the steps to get to their future goal.
Recommendation: Placement based on IEP recommendation

720259 MODIFIED PHYSICAL EDUCATION
Freshman, Sophomore, Junior, Senior
Semester/Year

Modified P E. is a semester or year-long course designed to meet the needs of students who are restricted from meeting the regular requirements of the Center High School District P.E. curriculum. Modified P.E. will address motor development, skill development and Physical Fitness based on the teacher's and/or doctor's assessments. Referrals should be for no less than one semester in length. Modified P.E. is designed to accommodate students who have moderate disabilities: long-term injury, recent surgery, exercise-induced asthma, and / or inability to run or jump.
Recommendations: Placement based on IEP.

INDEPENDENT LIVING SKILLS PROGRAM (ILS)

The central focus of the ILS program is to develop each student's social, adaptive, communicative, and advocacy skills to function independently in the community. The ILS program accomplishes this objective by individualizing curriculum to meet the special needs of each student and providing the staff support to promote individual development. Important skill

sets that are cultivated through community based instruction to promote student's successful transition into community life rest fundamentally on knowledge of community institutions as well as effective communication and social skills. Also important are the student's work habits and motivation to be successful in whatever activities he/she undertakes. There are a number of activities the students participate in whether it is work experiences or program activities that forward the development of these skills. Such daily living skills as money handling, time management and concepts, personal safety, recreation, home economics, and hygiene are also developed to foster greater independent living skills. Recognizing that the ability to advocate for oneself is a central feature of daily living, every effort will be undertaken to encourage each student to take additional classes outside the ILS program. These opportunities are provided in a manner that are commensurate with the student's academic, social, and behavioral abilities, as well as the staff support available to insure success in SDC curriculum or general education electives.

724001 ENGLISH

Freshman, Sophomore, Junior, Senior
Year

English is designed to promote the oral and written communication and reading skills of each student. Oral communication will focus on speaking and listening skills through improved understanding of English grammar. A strong focus on the elements of the writing process will be devoted to improving written language skills. Written language will cover the range of composition to include expository and narrative writing, and functional composition contexts like emails, business and personal letters. Student lessons are differentiated to make work highly individualized. Reading skills will be improved through phonemic awareness, contextual analysis, and strengthening decoding ability. Reading lessons will stress building vocabulary, increasing comprehension, and gaining information by developing listening skills. Corrective Reading and other reading programs will develop reading skills. Written composition skills will be developed through a variety of writing skill programs. The class will address the development of reading and writing skills as closely interlinked skill sets.

724002 MATH

Freshman, Sophomore, Junior, Senior
Year

ILS math is developed so that all students are able to progress at a level of complexity and at a pace that respects their special needs. The math class will feature Connective Math Concepts, functional, and other focused math curriculum. Math skills will teach students to perform basic calculations, increase their problem solving ability, and help them apply math to meet the demands of daily living. This functional math focus will also address time and money handling skills needed in the larger community. In addition, there will be time provided to practice and improve math skills using computer games and manipulatives.

724003 SCIENCE & SOCIAL STUDIES

Freshman, Sophomore, Junior, Senior
Year

Students will participate in group and individual science activities taken from physical, earth, and the life sciences. Physical science will be directed toward understanding the role of the forces of nature. Earth science will address the solar system and dynamic earth forces which shape our world. Life sciences will focus on improving the students' understanding of the human body. Included in this perspective is the importance of understanding the students' body as a system of interdependent organs that help people carry out daily activities. Central to this understanding is the role of the student in maintaining a healthy body which promotes physical, social, and psychological development. Social studies will address the study of the historical and cultural foundations of the different peoples of the world. The social studies curriculum is broadened to include a focus on community education that helps student understand his/her relationship to local community.

724004 ART

Freshman, Sophomore, Junior, Senior
Year

Students will be participating in such activities as drawing, directed lessons, and guided craft projects. They will produce varied works using several mediums like pencil, watercolors, crayon, clay, and paint. The materials will feature different textures and materials to heighten tactile awareness. Besides having fun, assignments are designed to develop fine motor skills. Projects will also challenge student's imagination and ability to complete tasks on time. Art activities are created to develop interests that can be pursued through different recreational experiences in the community.

723003 LIFE SKILLS

Freshman, Sophomore, Junior, Senior
Year

The ILS program is created to develop students' increased independence to transition and advocate effectively for themselves in our community. It entails learning about the important institutions like banks, recreation facilities, grocery stores, etc., that students need to understand to function effectively in the community. This effectiveness requires an understanding of monetary exchanges, knowledge of time concepts, as well as organizational and social skills. Work life is addressed in ongoing recycling and gardening projects to instill work values and habits. Daily living skills like cooking are also presented in life skill's home economics and cooking curriculum. Additional curriculum will support the WORKABILITY program.

723001 PRE-WORKABILITY
723002 FIELD WORKABILITY
723003 LIFE SKILLS
723164 TUTORIAL

AUTISM PROGRAM

The Autism Program focuses on helping each student reach his or her full educational, vocational, social, and emotional potential. Each student is offered highly effective individualized instruction and related support services. A goal is for students to transition seamlessly into the adult community as a self-advocate. Students will work towards a High School Certificate of Completion, or a High School Diploma. Students are challenged and supported both academically and socially. Emphasis is placed on adapted or modified subject matter relating to each individual student's needs by developing and strengthening through cognitive, communication, independent living, and career skills. In the Autism Program, students are part of the culture and community at Center High School.

723104 Functional Reading
723001 Pre-Workability
723108 Workability
723002 Field Workability
723105 Study Skills

723108 WORKABILITY

Year

The WorkAbility program, funded by a state grant, promotes and provides career interest assessments, comprehensive pre-employment, employment, worksite training, and follow-up services for youth with an active Individualized Education Plan. Our focus is on transition, empowering students with job readiness skills, college awareness, and self –advocacy in an effort to prepare them for adult life.

TRANSITION PARTNERSHIP PROGRAM

TPP is a partnership between the Department of Rehabilitation and Center High School's WorkAbility to provide secondary and postsecondary support to juniors and seniors with an active Individualized Education Plan or 504 Plan. Qualifying students benefit from the following services; career assessment, job placement, interviewing, individualized career counseling and more.

723144 DEPARTMENT OF REHABILITATION JOB SKILLS

Junior, Senior
Year

This course introduces the students to a hands-on program that give students opportunities to assess their own skills and determine the type of jobs they want in the future. The career-development curriculum offers hands-on-role simulations in the classroom where students learn self-management, decision making, and relevance between their education and real jobs. Additionally, this course will focus on teaching students workplace readiness, acquiring transferable work skills, strengthening time and task management skills, developing clear and professional workplace communication skills.

Students will be given opportunities to explore careers and postsecondary options – college, technical school, internship, on the job training, etc. A classroom based business will be incorporated into the curriculum. Students will be developing a business plan which will include advertising, management, budgeting, customer service skills, team leadership skills, and problem solving techniques.

Recommendation: Junior and Senior Department of Rehabilitation Clients

VISUAL & PERFORMING ARTS

720601 ART I

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Approved

This is a yearlong, two-semester course, in which students learn basic art skills and concepts, such as, drawing, painting, and some sculpture. Students will demonstrate drawing techniques of shading, shadowing, and direction of light. Each assignment will become progressively more involved with each new art concept introduction. Students will learn and practice lettering skills, including template and calligraphy techniques. Students are expected to arrive in class with materials, and work on project assignments as demonstrated by the teacher.

720602 ART II

Sophomore, Junior, Senior
Semester
UC/CSU Approved

This two-semester course is designed for students who have successfully completed Art I, or its equivalent. Students in this class will learn how to create, develop, and produce their own fine arts products. Students will learn the use of airbrush, its applications and techniques. Canvas stretching, assembling, and various preparations will be introduced in class, and students will be required to make their own canvasses. All project assignments will be done on professional museum quality stretched canvasses. Students will research and write a paper on the arts and artists in the first semester, and complete a famous artist profile paper in the second semester. Design, color theory, composition, art history and current trends in the arts will be developed within the course. Students will be encouraged into the areas of arts where their special interest lies. The teacher and student can develop individual interests and special problems that challenge singular students within project assignments as determined. Students are expected to arrive in class with materials, and work on projects assignments as demonstrated by the teacher. Portfolio development is emphasized in this class.
Recommendation: Completion of Art I with a "C" or higher.

720609 COMPUTER GRAPHICS

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Approved

This year-long course will introduce computer graphic tools and techniques used in producing designs, illustrations, photographs, motion graphics, animations and web page design. Emphasis will be placed on strengthening communication and critical thinking skills, problem solving, and the creative process. Students will gain marketable skills for the workplace and technological proficiency for college. The course meets VPA requirements for graduation and college admissions. Donation requested for the required sketchbook.

721094 ADVANCED COMPUTER GRAPHICS

Sophomore, Junior, Senior
Year

In this one-year course, students will learn basic and advanced computer graphic techniques with an emphasis on formal artistic criteria and arts media standards to do the following:3D images and virtual environments using Photoshop, Illustrator, Flash and Light Wave to create still images and animations. Advanced motion graphics and compositing using After Effects and Motion, Premiere and Final Cut Pro X Web page and Website design using Flash, Fireworks and Dreamweaver.
Recommendation: Successful completion of computer graphics or any media course taken in high school with a grade of C or better.

720615 CONCERT CHOIR

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Approved

The Concert Choir is a co-curricular course designed for the serious-minded singer. Music with a higher level of difficulty will be sung. Students will learn to read musical notation and to sing in four-part harmony. Performances will be both local and off-campus. All performances and after-school rehearsals are mandatory.

720625 CONCERT BAND

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Approved

Students will work on brass, wind, and percussion instruments involved in marching and concert band. It is the center of the instrumental music program at CHS. Students will learn to read and annotate music on their instrument, learn proper marching technique, and work on the current Concert Band repertoire. Students will learn how to apply the principles of blend, balance, articulation, tone production, rhythm, melody, harmony, form, and texture to their playing. Various styles of traditional and modern concert music will be explored. Performances include, but are not limited to local concerts and out-of-town music festivals**.**
Recommendation: Students must provide their own instruments.

720645 BEGINNING GUITAR

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Pending Approval

Students will learn and work on acoustic guitars in the classroom setting. Students will learn to read and annotate music for their instrument and perform appropriate grade level guitar ensemble music. Students will learn how to apply the principles of blend, balance, articulation, tone production, rhythm, melody, harmony, form, and texture to their playing. Performances will include, but are not limited to local concerts and out-of-town music festivals.
Recommendation: Students must provide their own acoustic guitar.

720649 ADVANCED GUITAR

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Pending Approval

Students will learn and work on acoustic guitars in the classroom setting. Students will learn to read and annotate music for their instrument and perform appropriate grade level guitar ensemble music. Students will learn how to apply the principles of blend, balance, articulation, tone production, rhythm, melody, harmony, form, and texture to their playing. Performances will include, but are not limited to local concerts and out-of-town music festivals. ***Recommendation: Students must have completed Grade Level 1 or the equivalent for acoustic guitar. Students must provide their own acoustic guitar.***

720616 MUSIC TODAY

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Approved

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying. Students will also be introduced to the families of instruments including strings, brass, woodwind and percussion through a hands-on experience.

720229 STRING ORCHESTRA

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Pending Approval

Students will learn and work on orchestral string instruments including violin, viola, cello and string bass. Students will learn to read and annotate music for their instrument and perform appropriate grade level orchestral music. Students will learn how to apply the principles of blend, balance, articulation, tone production, rhythm, melody, harmony, form, and texture to their playing. Performances will include, but are not limited to local concerts and out-of-town music festivals.
Recommendation: Students must provide their own instruments.

720622 THEATRE ARTS I

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Approved

This course is open to all students; students will begin the exploration of Theatre Arts with an emphasis on creating, performing, and participating in classroom theatre. Students will work on developing their acting skills as they also work on developing a better awareness of their acting skills. They will also work on developing a better awareness of theatre vocabulary and history. This course may be repeated for credit.

720809 BEGINNING BROADCASTING

Freshman, Sophomore, Junior, Senior
Semester
UC/CSU Approved

Beginning Broadcasting is a course that will enable the students to research and study the cultural context of video, as well as, the history of technology and the impact of television on society. This course is designed to provide students the opportunity to utilize multimedia broadcasting to express themselves by communicating through the visual arts. Students will study/research film history, videography, studio production, video editing and postproduction. In addition, students will learn 3D graphics and animation techniques. Emphasis will be placed on the following practices; lecture, notes, research, reading, shooting and editing quality pictures, including good content in programs, and taking responsibility for the programs that are produced. Linear and nonlinear editing will be introduced. For those students intending to go on to college, this course will provide the historical background to help the student succeed in all courses that require production and artistic skill. **MCA students given priority.**

720807 ADVANCED BROADCASTING

Sophomore, Junior, Senior
Semester
UC/CSU Approved

Advanced broadcast is a course that will provide the knowledge, understanding, and practical experience of gathering, writing and producing news for broadcast media. Theory and hands-on activities will include; the basic principles of three-point lighting, camera video techniques, teleprompting, script writing and editing; computer graphics and animation, research, videotape editing and performance techniques. Students will be exposed to the operation of a broadcast newsroom, ethics in broadcast journalism, interviewing techniques and media criticism. Students will gain the necessary skills and information to continue their education in the field of broadcast journalism at the college level as well as the option of entry-level internships in video related fields. Students will work in teams, participating in a series of projects, which showcases their reporting, editing and production skills for broadcast media. **Recommendations: Computer Graphics, Beginning Broadcasting or Digital Audio. MCA students given priority. Teacher signature required.**

NON–DEPARTMENTAL ELECTIVES

720093 LEADERSHIP 11-12
Junior, Senior
Year

Leadership is a one-year elective course designed for students who want to get involved in the planning and implementation of Center High School's activities and those seeking to enrich Center High's community. Students enrolled in leadership will additionally learn the following leadership skills based on the CADA standards: project planning and implementation, problem solving, public speaking, interpersonal communication, team building, working collaboratively, critical thinking, goal setting and time management.
Placement based on positive attendance, behavior and teacher recommendation.

721093 LEADERSHIP 9-10
Freshman, Sophomore
Year

Leadership is a year-long course with an emphasis on developing a greater understanding of the skills it takes to be a successful leader and effective teen in today's world. Leadership is not just an elective class: it's an opportunity for personal growth, community involvement and school improvement. Students establish leadership skills through group dynamic activities; learn skills of effective communication, interpersonal and intrapersonal communication, decision-making, group facilitation, and understanding diversity.
Placement based on positive attendance, behavior, and teacher recommendation.

720092 STUDENT COUNCIL
Freshman, Sophomore, Junior, Senior
Year
UC/CSU Approved

This is a one-year course designed to provide students with a venue to demonstrate leadership in governing the student body. The students will develop skills in running effective meetings, prioritizing needs, proposing and implementing solutions. Public speaking, public relations, group effectiveness, personal development, and leadership skills will be taught through simulated real life experiences**.**
This course is open to elected officers only and is held during zero period (before school). Placement based on teacher recommendation only.

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

AVID is a college readiness system that is designed for students in the academic middle who have the desire to go to college and the willingness to work hard but are falling short of their potential. **AVID** uses research based methods of instruction developed in collaboration with college professors. The course emphasizes the **WICOR** method**;** writing, inquiry, collaboration, organization, and critical reading. Students are enrolled in a rigorous academic program while being given a support system in the **AVID** classes through tutorials, coaching in note taking,

organization and study skills, analytical writing, collaborative work and college counseling. Students enrolled in AVID are typically required to enroll in at least on AP or Honors course as appropriate for the student. For more information contact Mrs. Stout in room 108. **Recommendations: Must fill out an application, have a minimum 2.0 GPA, be on track for A-G eligibility, teacher signature required.**

720091 AVID 9
720110 AVID 10
720291 AVID 11
720193 AVID Senior Seminar

720945 SUCCESS STRATEGIES 9
Semester
This course is designed to assist freshman students with numerous "F" grades acquire the knowledge and skills necessary to be successful at the high school level. Students will learn effective study skills, time management strategies, communication skills, self-advocacy skills, develop a four year plan, develop an understanding of the course credit system and graduation requirements. **Recommendations: Failing grades in 8th grade, GPA below a 2.0.**

729510 OFFICE AIDE 11 - 12
729511 ATTENDANCE AIDE 11 - 12
729512 COUNSELING AIDE 11 - 12
Students will be expected to answer phones, greet the public, distribute passes and perform other clerical tasks as assigned by the office for which they are aiding. This is a semester-length course.
Recommendation: 2.0 GPA, good attendance and behavior, and office / attendance / counseling supervisor approval.

720334 PEER RESOURCES 1
Junior, Senior
Year
The Peer Resource course is a peer assistance program offering students the opportunity to work as trained peer facilitators with other students. Participants will be trained in a variety of helping skills which will enable them to assist other students in having a more positive and productive school experience. Positive peer influence will be utilized as a strategy for addressing such issues as low achievement, dropout prevention, substance abuse prevention, suicide, absenteeism, negative attitudes about school, behavior problems, and other issues of concern in the school.

REGIONAL OCCUPATIONAL PROGRAM 11- 12

(ROP)

49er REGIONAL OCCUPATIONAL PROGRAM COURSE CATALOG

Classes Available to Students Attending High School

REGIONAL OCCUPATIONAL PROGRAM

Regional Occupational Programs provides students the opportunity to actively engage in Career Technical Education courses. Career and Technical Education provides students with the opportunity to explore a career learn marketable job skills while preparing for post-secondary education and careers. ROP courses provide standardized curriculum infused with academic coursework in a project based educational setting. Students develop valuable skills in a supportive environment. Hands-on training, project development, and internships paired with laboratory, clinical or shop time is built into the students educational experiences. Center High School students may attend either Sacramento County or Placer County Regional Occupational Programs. Please research both programs for the courses and location the courses are available in your selection.

Sacramento County Regional Occupational Programs (SAC CO ROP): http://services.scoe.net/record_detail.cfm?id=485

The Sacramento County Regional Occupational Program (ROP), also known as Career Technical Education (CTE), offers tuition-free career preparation training in 138 occupations throughout the Sacramento area. Programs include high demand training such as automotive, construction, office computer skills, information technology training (database design, Web authoring, network administration, and computer repair), health occupations (nurse assistant, dental assistant, EMT, etc.), retail sales, careers with children and other occupational areas. Please check their website for current information on programs offered.

Placer County Regional Occupational Programs (49er ROP): http://www.placercoe.k12.ca.us/StudentsAndParents/Pages/49erROP.aspx?dept=rop

49er ROP's vision is for all students to become career-ready with support from family, educators, and the business community. 49er ROP's mission is to create viable career and educational opportunities for all students by teaching relevant skills that combine hands-on training with academic knowledge.

Check their websites for course offerings and prerequisites, suggested courses: Integrated Animal Science, Graphic Art & Animation, Video Production, Architecture, Construction, and Engineering, Child Development and Education, Architecture, Construction, and Engineering, Fashion Design & History (formerly Fashion

Merchandising Careers), Fashion Marketing and Management, Dental Careers, Health Careers, Medical Assisting: Clinical ,Sports Medicine, Direct Support Professional (DSP) Training, Baking and Pastry Careers, Advanced Culinary Arts, AP Computer Science A, Computer Technology, Exploring Computer Science, Game Development, Engineering for Manufacturing, Fire Science Careers, Law Enforcement Careers, Automotive Services and Automotive Technology.