

2023-2024

# High School Course Catalog and College & Career Planning Guide



*Educating Students for Success*



[www.lodiusd.net](http://www.lodiusd.net)



## 2023-2024 Modified Traditional Instructional Calendar

### 2023 July

M	T	W	T	F
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28
31				

### August

M	T	W	T	F
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

### September

M	T	W	T	F
				1
4	5	6	7	8
11	12	13	14	15
18	19	EO	21	22
25	EO	EO	EO	EO

### October

M	T	W	T	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

### November

M	T	W	T	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

### December

M	T	W	T	F
				1
4	5	6	7	8
11	12	EO	14	15
18	19	20	21	22
25	26	27	28	29

### 2024 January

M	T	W	T	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30	31		

### February

M	T	W	T	F
			1	2
5	6	EO	8	9
12	13	14	15	16
19	20	21	22	23
26	27	28	29	

### March

M	T	W	T	F
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

### April

M	T	W	T	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30			

### May

M	T	W	T	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	EO	23	24
27	28	29	30	31

### June

M	T	W	T	F
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28

#### Vacation Days

June 5, 2023 - July 31, 2023 - SUMMER BREAK  
 October 2 - October 13, 2023 - FALL BREAK  
 November 22, 2023 - Non Instructional Day  
 November 23, 2023 - Thanksgiving Day  
 November 24, 2023 - Board Designated  
 December 25, 2023-January 5, 2024-WINTER BREAK  
 March 18 - 29, 2024 - SPRING BREAK  
 June 3 - July 29, 2024 - SUMMER BREAK

#### Holidays

July 4, 2023 (L) .....Independence Day  
 Sept. 4, 2023 (L) .....Labor Day  
 Nov. 10, 2023 (L) .....Veteran's Day  
 Nov. 23, 2023 (L) .....Thanksgiving Day  
 Nov. 24, 2023 (L).....Board Designated  
 Dec. 25, 2023 (L) .....Christmas Holiday  
 Dec. 29, 2023 (B) .....Board Designated Holiday  
 Jan. 1, 2024 (L).....New Year's Holiday  
 Jan. 15, 2024 (L) ..... Martin Luther King  
 Feb. 9, 2024 (L) .....Lincoln's Holiday  
 Feb. 19, 2024 (L).....Washington's Holiday  
 May 27, 2024 (L) .....Memorial Day  
 June 19, 2024 (L) .....Juneteenth

#### LUSD Minimum Days

K-12	EO Elementary Only
08/09/23	9/20/23
09/13/23	9/26-9/29/23
10/25/23	12/13/23
11/08/23	2/7/24
12/06/23	5/22/24
12/22/23	
01/17/24	
03/06/24	
04/10/24	
05/08/24	
05/31/24	

**STUDENTS:** School year begins: August 1, 2023  
 Last Day of School: May 31, 2024



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**Board of Education**

Joe Nava, President  
Gary Knackstedt, Vice President  
Sherry Alexander, Clerk  
Susan Macfarlane  
Courtney Porter  
Jeff Stroh  
Board Member TBD

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**District Administration**

Cathy Nichols-Washer, Ed.D., Superintendent  
Neil Young, Associate/Successor Superintendent  
Leonard Kahn, Chief Business Officer  
Mike McKilligan, Assistant Superintendent, Personnel  
Robert Sahli, Ed.D., Associate Superintendent  
Mark Dawson, Area Director K-12  
Peter Lambert, Area Director K-12  
Rafael Ceja, Ed.D., Director of Education  
Susan Peterson, Director of Education  
Paul Warren, Area Director, Student Services/SELPA

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**High School Administration**

Allen L. Dosty, Jr., Ed.D., Principal, Bear Creek High School  
Adam Auerbach, Principal, Lodi High School  
Nicole Vertar, Interim Principal, Ronald E. McNair High School  
Enrique Avalos, Principal, Tokay High School

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**Alternative School Administration**

Erik Sandstrom, Principal, Independence High School/Digital Academy 9-12  
Tamara Dillon, Principal, Liberty High School  
Julie Jansen, Principal, Lincoln Technical Academy/Lodi Adult School  
Julie Hummel, Principal, Middle College High School  
Rich Shipley, Principal, Plaza Robles High School  
Stacy Kahn, Ph.D., Principal, Valley Robotics Academy



## LODI UNIFIED SCHOOL DISTRICT



### MISSION

Lodi Unified School District will provide the best education for all students to be successful in life.

### VISION

Lodi Unified School District, in partnership with our community, provides a world class student-centered safe learning environment that cultivates character, fosters academic excellence, embraces diversity, and empowers all students to achieve their full potential.

### GOALS

- Prepare students with the integrity and skills required to adapt and succeed as responsible citizens in an ever-changing world.
- Be the employer of choice for highly qualified and creative people who reflect, value, and celebrate the rich diversity of the district.
- Provide curriculum and instruction that educates, challenges, and inspires all students.
- Create and support a school environment in which all students, staff, and parents feel safe, secure, and valued.
- Ensure all students read at grade level by the end of third grade and maintain strong literacy skills throughout their educational career.
- Support a broad course of study that offers students the opportunity to develop and enhance interests, talents, and skills in core academic, career preparation, and elective fields.

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# General Information

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## Introduction

The goal of LUSD is to guide students toward academic success and future employment. The education they receive in our district is preparation for the many future roles they face: workers, parents, students in higher education, and citizens. Therefore, sound planning and thoughtful course selection are critical in order for students to make the most of the four years in high school.

This district-wide course catalog and career planning guide describes the programs offered at all comprehensive and alternative high school sites within LUSD. The introductory pages discuss the district graduation requirements and site enrollment requirements. There is also information about college entrance requirements and other district programs.

It is intended that students and parents review this catalog together, in order to make informed decisions about educational programs. Students should be encouraged to select academically rigorous programs in order to develop their full potential.

If questions arise, school counselors are available to advise students and parents on both course selection and college/career preparation. Please contact your counselor at the school site any time during the registration process for assistance. You can locate your Counselor's contact information by going to your school's website and navigating to the Counseling Page (see page 6).

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## Course Selection











It is imperative that students adhere to the guidelines below when selecting courses for the 2023-2024 school year. We ask that students adhere to the following directions:

- Carefully read the instructions on the course selection form provided by your school before starting to make course selections.
- Review transcripts and complete or revise the four-year plan. Students must complete all graduation and enrollment requirements. In addition, they should select courses that support their plans for college, career, and other post-secondary options.
- Consider the recommended pathway for the courses selected, as well as any prerequisites. If courses require teacher permission, students must obtain proper signatures and must follow the application, audition, or placement procedures for designated courses.
- Complete course selections and submit selection forms on or before the designated day.

The course descriptions contained in this catalog help students understand what each course offers and assists them in making their final selections for registration. Elective options are subject to availability.

**Students may also access this catalog online at:**

**<https://www.lodiUSD.net/schools/course-catalog>**

Comprehensive High Schools		Website	Phone Number
Bear Creek High School		<a href="https://bearcreek.lodiusd.net">https://bearcreek.lodiusd.net</a>	(209) 953-8234
Lodi High School		<a href="https://lodihigh.lodiusd.net">https://lodihigh.lodiusd.net</a>	(209) 331-7695
Ronald E. McNair High School		<a href="https://mcnair.lodiusd.net">https://mcnair.lodiusd.net</a>	(209) 953-9245
Tokay High School		<a href="https://tokay.lodiusd.net">https://tokay.lodiusd.net</a>	(209) 331-7990
Alternative High Schools		Website	Phone Number
Independence School		<a href="https://is.lodiusd.net">https://is.lodiusd.net</a>	(209) 331-8275
Lodi Digital Academy 9-12		<a href="https://www.lodiusd.net/schools/digital-academy">https://www.lodiusd.net/schools/digital-academy</a>	(209) 331-8275
Liberty High School		<a href="https://liberty.lodiusd.net">https://liberty.lodiusd.net</a>	(209) 331-7633
Lincoln Technical Academy		<a href="https://lincolntech.lodiusd.net">https://lincolntech.lodiusd.net</a>	(209) 331-7605
Middle College High School		<a href="https://middlecollege.lodiusd.net">https://middlecollege.lodiusd.net</a>	(209) 954-5790
Plaza Robles High School		<a href="https://plazarobles.lodiusd.net">https://plazarobles.lodiusd.net</a>	(209) 953-8068
Valley Robotics Academy		<a href="https://valleyrobotics.lodiusd.net">https://valleyrobotics.lodiusd.net</a>	(209) 331-8008

LUSD Graduation Requirements		UC & CSU Entrance Requirements For each course category (a-g), refer to your <a href="#">school's a-g course list</a> .		Community College
Grade	Total Credits to Graduate: 230	“a-g” Requirements		Requirements
9th	10 credits, Board Approved 9th Grade Courses	A	2 years History/Social Science to include: 1 year U.S. History, or ½ year U.S. History and ½ year Civics or U.S. Government and 1 year World History	High School Graduate or equivalent or 18 years of age or older  For more information visit: <a href="https://www.ccc.co.edu/">https://www.ccc.co.edu/</a>
10th	10 credits World History	B	4 years College Prep English	
11th	10 credits U.S. History	C	3 years College Prep Math (4 years recommended)	
12th	5 credits Government & 5 credits Economics	D	2 years College Prep Lab Science (3 years recommended), 1 year from each of 2 different areas	
40 credits of English		E	2 years of the same World Language (3 years recommended)	
20 credits of Math (10 credits need to satisfy the Algebra requirement)		F	1 year of Visual or Performing Arts	
20 credits of Science (10 Life and 10 Physical)		G	1 year of College Prep Elective	
10 credits of World Language / Fine Arts / Career Technical Education		Grade of “C” or higher is required in above courses		
20 credits of Physical Education		SAT and ACT tests are not required for admission to UC or CSU, but may be required by other universities and colleges.		
80 credits of Electives (to 230 credits total)				

### Early Graduation Requirements:

Students who wish to graduate before the completion of eight semesters must request permission for early graduation from their counselor, principal, and parents/guardians. In addition, they must complete the early graduation process. To be considered for early graduation, a student must be within thirty-five (35) credits of the required two hundred thirty (230) credits at the beginning of her/his last semester. Please see your counselor for assistance.

Please begin this process with your counselor in your SOPHOMORE year (or earlier), as many graduation requirements need to be arranged ahead of time.



## Four-Year Plan Worksheet

	Credits Required	Grade 9	Grade 10	Grade 11	Grade 12
<b>English</b>	40	English	English	English	English
<b>Mathematics</b>	20				
<b>Physical Science</b>	10				
<b>Life Science</b>	10				
<b>Physical Education</b>	20	PE 1	PE 2 <u>or</u> Marching Band		
<b>9th Grade Board Approved Pathway</b>	10 (Class of 2026 & beyond)	HS 101, Driver Ed, & Health <u>or</u> World Geography & Health <u>or</u> AVID 9 <u>or</u> AP Human Geography			
<b>World History</b>	10			World History	
<b>U.S. History</b>	10			US History	
<b>Government &amp; Economics</b>	5 & 5				Government & Economics
<b>Visual or Performing Arts/ World Language/ Career Technical Education (CTE)</b>	10				
<b>Electives</b>	80 (Class of 2026 & beyond) / 90 (Class of 2023-2025)				
<b>Additional Notes &amp; Post-Secondary Goals</b>					

The purpose of this Four-Year Plan Worksheet is to assist you with your long-range goals. A meeting with your counselor each school year will ensure that you are meeting all the graduation requirements for high school while working toward these goals.

See Board Policy 6146.1 for more information regarding graduation requirements

## Preparing for College: A Step-by-Step Guide

### Freshman

- Meet with your counselor to discuss your college plans.
- Make sure you are enrolled in College Prep and/or Honors courses.
- Sign-up to take the PSAT in October (optional) and AP exams in November.
- Utilize Naviance to research College and/or Career options, as well as required courses and tests for colleges you might want to attend.
- Start a calendar with important dates and deadlines.
- Learn about college costs, how financial aid works, and attend College Fairs.
- Get involved in extracurricular activities.
- Create a personal resume in Naviance to include: report cards, certificates, a list of honors and awards, a list of school and community activities, a list of offices you hold, and a list of both paid and volunteer jobs.

### Sophomore

- Review your schedule and college plans with your counselor.
- Enroll in elective courses that align with your career goals.
- Sign-up to take the PSAT in October and AP exams in November.
- Continue your college search and visit local colleges & universities.
- Stay involved in extracurricular and enrichment activities (volunteering, clubs, and Dual-Enrollment).
- Update your resume in Naviance.
- Consider enrolling in Career Technical Education courses that earn community college prerequisites and align with your desired career path (see page 23).

### Junior

- Discuss college plans with your counselor.
- Take PSAT for National Merit Qualification; sign-up for AP exams; consider taking ASVAB.
- Plan to take the SAT and ACT in the Spring (if required by your university/college).
- Visit as many colleges as you can.
- Explore career options in Naviance and your school's College and Career Center.
- Update your resume in Naviance.
- Plan your senior year class schedule with your counselor.

### Senior

- Narrow your list of colleges; get applications & financial aid information for each.
- Enroll in elective or Career Technical Education courses that align with your career goals.
- Keep a calendar with test dates, application deadlines, and other important info.
- Register for AP exams in November.
- Register for, and take, the SAT/ACT by December.
- Ask for letters of recommendation well in advance.
- Write application essays; have teachers and trusted adults review.
- November is a critical time for private college early-consideration applications and merit scholarships.
- Search for scholarships and ask your college/career counselor for scholarship info.
- October 1—March 2: Complete and submit your FAFSA/Dream Act application.
- October 1—February 15: Submit your college applications. UC/CSU are due November 30.
- May 1: You must choose your college by this date and inform colleges of your acceptance or rejection of offers of admission or financial aid.
- Request Final Transcript to be mailed to the college you will be attending.

## Aptitude Tests

### Preliminary Scholastic Aptitude Test (PSAT)

One of the first steps toward college is to take the PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test). The sooner students take the PSAT, the better prepared they will be for the SAT, which is taken in the 11th and 12th grade. Test results and the accompanying analysis are valuable tools that help prepare students for the SAT and opportunities beyond high school.

The PSAT/NMSQT is also the qualifying test for the National Merit Scholarship when taken in the junior year. Fee waivers are available for eligible 11th graders. The PSAT also gives your counselor information on AP readiness through College Board's AP Potential portal.

### American College Test (ACT)

Constructed as an achievement test, the ACT consists of four subject tests: Math, English, Reading Comprehension, and Scientific Reasoning. The ACT is a three-hour test that consists of multiple choice questions. The ACT Plus Writing Test is a 40-minute test that may also be required for admission to some colleges.

Many colleges accept ACT scores in lieu of SAT. Make sure to check with the post-secondary institutions of your choice to determine testing requirements.

**To register for the ACT:** <https://act.org>

### Scholastic Aptitude Test (SAT)

The SAT reasoning test is a measure of the critical thinking skills you will need for academic success in college.

The SAT includes:

- Evidence-Based Reading and Writing
- Math

The SAT is typically taken by high school juniors and seniors. SAT and ACT tests are not required for admission to UC or CSU, but may be required by other universities and colleges.

The test takes approximately three hours. Each section of the SAT is scored on a scale of 200-800.

There are multiple websites that offer free practice, such as [www.khanacademy.org](http://www.khanacademy.org) and on Naviance.

**Register for the SAT at**

[www.collegeboard.org](http://www.collegeboard.org)

### Students with Disabilities

Some students, with a documented learning disability, are eligible for "extended time" on standardized tests. These students are currently eligible for extended time on tests in high school. A student must apply to the testing company for the right to use extended time on standardized tests. The process takes several weeks. If you think you might be eligible, see your Counselor. You may file your request as early as freshman year.

### SCHOOL CODES

Bear Creek High School	053436
Lodi High School	051441
McNair High School	053958
Tokay High School	051440
Independence High School	051539
Liberty High School	051437
Lincoln Technical Academy	051436
Middle College High School	053599
Plaza Robles High School	053437
Valley Robotics Academy	054942

### Counseling Office & College and Career Center

Check out your school's Counseling Office or College and Career Center for more information on these tests. Students can register online.

Fee Waivers for testing may be available. There are guidelines regarding financial need. See your school counselor for more information.

## Financial Aid

Financial aid is awarded based on merit (academic achievement), financial need, or some combination of both. Some schools will offer merit scholarships to attract students who are high achieving relative to the school's applicant pool. Few schools maintain "need-blind" admissions, meaning that applicants are admitted without regard to their ability to pay. Schools who do maintain need-blind admissions will state this in the financial aid information.

More than half of all student applicants apply for financial aid. Colleges themselves are the greatest sources of financial aid because they distribute money made available through the U.S. government.

Aid from colleges is usually awarded as a package consisting of:

- A grant- this is a gift and does not have to be repaid.
- A student loan- this must be repaid by the student.
- Work-study- this is an opportunity to work for pay for a certain number of hours per week on campus.

A good website for estimating your family's financial aid eligibility is: <http://www.finaid.org>

## CSS College Profile

In addition to the FAFSA, some colleges also require the CSS College Profile when applying for financial aid. The Profile is offered through the College Scholarship Service, which is the financial aid division of the College Board. You can apply online at [www.collegeboard.org](http://www.collegeboard.org) or by phone. In either case, you must complete the CSS College Profile short form. Copies are available in the counseling office as early as October. The FAFSA is free, but the College Profile costs money. Fee waivers are available to those who qualify. If a college requires it, however, one must be filled out. The College Profile collects even more information about the finances of the student and parents.

## School-Specific Financial Aid Forms

Some colleges also require students to fill out a financial aid form from the college. Be sure to check with the colleges you are applying to in order to ensure that you complete all necessary forms. Be aware of financial aid deadlines; these differ from one college to another.

## FAFSA / Dream Act

The FAFSA, Free Application for Federal Student Aid, is required by all colleges in order to apply for financial aid. You can file on the web at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). You must first apply for a FAFSA ID number; you will need this to electronically sign your FAFSA. The FAFSA cannot be filed until after October 1<sup>st</sup> of the prior year in which the student plans to attend college. In order to be eligible for the Cal Grant, FAFSA must be completed and submitted by March 2nd.

From detailed financial information reported in the FAFSA, formulas produce the expected family contribution, or EFC. This sum is considered an amount that the family can be reasonably expected to pay over time, not just currently from income and assets. Each year, the Counseling Department invites a guest speaker to explain line-by-line, the process of filling out the FAFSA.

If you do not qualify for FAFSA, you may be eligible to apply for the Dream Act: <https://dream.csac.ca.gov/landing>

## Scholarships

Finally, there are scholarships offered nationally and locally. Scholarship information that arrives in the Counseling Office and College and Career Center is regularly updated in Naviance which is easily accessible to students. The College & Career Center also has nationally and locally offered scholarships. More and more, the web is the source of national scholarship information.

If there is still financial need after scholarship possibilities have been exhausted, families can investigate loans. Some loans are through the college and the federal government, other sources are private.

**It is very important to honor deadlines in order to maximize your chances of being awarded financial aid.**



**CSAC | ALL In!**  
**All in for FAFSA / CA Dream Act Application**  
**FACT SHEET**  
**August 2022**



## Financial Aid for Students

A Free Application for Federal Student Aid (FAFSA) or California Dream Act Application (CADAA) allows students to be considered for financial aid and student loans. Completing a FAFSA or a CADAA provides access to students and their families to various financial aid options, allowing them to make an informed decision about pursuing a college, university, or vocational school.

## What's new?

In the 2021-2022 State Budget Act, the State of California adopted a new requirement that starting in the 2022-2023 academic year, local education agencies, including charter schools, will be required to confirm that all high school seniors have completed a FAFSA or a CADAA, expanding access to financial aid to thousands of students, who may have otherwise not been aware of this opportunity. This requirement goes into effect October 1, 2022. (Education Code Section 51225.7).

The California Student Aid Commission (CSAC) has developed a FAFSA and a CADAA opt-out form that has been approved through the state regulatory process. (Title 5, California Code of Regulations, Section 30035).

## Why is this so important?

In California, only 53% of high school seniors completed a FAFSA or a CADAA in the 2021-2022 school year. California currently ranks 17th in the country.

According to the National College Attainment Network:

*"Completion of the Free Application for Federal Student Aid (FAFSA) is one of the best predictors of whether a high school senior will go on to college. Seniors who complete the FAFSA are **84% more likely** to immediately enroll in postsecondary education. For students in the lowest socioeconomic quintile, FAFSA completion is associated with a **127% increase** in immediate college enrollment."*

Many people do not realize that students and their families learn within about **72 hours** of submitting their FAFSA or CADAA whether they are eligible for financial aid. This is empowering information that could make all the difference in a student's decision to attend college, especially if they are a first-generation college student and come from a very low-income background.

California has joined seven other states in the country requiring various approaches to implementing a universal FAFSA completion requirement for high school seniors. States, such as Louisiana and Tennessee, have seen double-digit increases in their completion rates since adopting this requirement.

With this new statute, California has the opportunity to provide all students critical information and support to gain access to financial aid.



## Naviance

Lodi Unified School District utilizes Naviance-  
a comprehensive website that students can use to plan for college and career!

This program is used at each high school  
to track and analyze data  
about college and career plans.

It provides up-to-date information that is specific to your school  
in order to best meet each student's individual needs.

### **Naviance provides students opportunities to access tools to assist them with:**

- Defining & Documenting their Goals
- Academic Planning
- Post-Secondary Exploration
- Career Assessment & Exploration
- Individual Learning Style
- Resume Building
- Electronic Portfolio
- Increasing their Communication Skills
- Managing College Applications

In order to access Naviance, students will use their  
Lodi USD Google usernames and passwords to enter the site.

Naviance can be accessed via your CLEVER Portal

## California Scholarship Federation

CSF is an academic honor society with chapters at Bear Creek, Lodi, McNair, and Tokay High Schools. Students can earn membership each semester based on their grades in qualifying classes. Qualifying classes are marked CSF List I, II, or III. Students must earn a total of 10 points in no more than 5 qualifying classes each semester. Membership is NOT automatic. Students must qualify and apply each semester. Students with at least four semesters of membership earned in grades 10 - 12 with at least one semester earned *during* grade 12 are considered Life Members and are recognized as Sealbearers at graduation. CSF members are also eligible to apply for a variety of scholarships and awards. For more details about CSF, visit <https://csf-cjsf.org/> or contact your school and speak to the CSF adviser.



## ELIGIBILITY CENTER

### ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at [eligibilitycenter.org](https://eligibilitycenter.org). Plan to register before your freshman year of high school (or year nine of secondary school). Visit [on.ncaa.com/RegChecklist](https://on.ncaa.com/RegChecklist) to help guide you through the registration process.

#### ACADEMIC REQUIREMENTS

To study and compete at a Division I or II school, you must earn 16 NCAA-approved **core-course credits**, earn a corresponding test score\* that matches your **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

#### CORE-COURSE REQUIREMENTS

##### DIVISION I

Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or non-doctrinal religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

##### DIVISION II

Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or non-doctrinal religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

#### GRADE-POINT AVERAGE

The Eligibility Center calculates your **core-course GPA** based on the grades you earn in NCAA-approved core courses.

- » Division I requires a minimum 2.3 core-course GPA.
- » Division II requires a minimum 2.2 core-course GPA.

##### DIVISION III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who initially enroll full time at a Division III school on or after Aug. 1, 2023, are required to complete an **Amateurism-Only Certification account**. Contact the Division III school you plan to attend for more information about its academic requirements.

\*More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Spring2023](https://on.ncaa.com/COVID19_Spring2023).



# ELIGIBILITY CENTER

## GRADE 9 REGISTER

- » Start planning now! Register for a free Profile Page account at [eligibilitycenter.org](https://eligibilitycenter.org) for information on NCAA initial-eligibility requirements.
- » Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/courselist](https://eligibilitycenter.org/courselist) to ensure you are taking the right courses, and earn the best grades possible!

## GRADE 10 PLAN

- » If you are being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the right **Certification account**.
- » Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

## GRADE 11 STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you are on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- » Take the **SAT/ACT** and submit your scores to the Eligibility Center using code **9999**.\*
- » At the end of the school year, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.

## GRADE 12 GRADUATE

- » **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at [eligibilitycenter.org](https://eligibilitycenter.org).
- » Take the **SAT/ACT** again, if necessary, and submit your scores to the Eligibility Center using code **9999**.\*
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.

\*More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Spring2023](https://on.ncaa.com/COVID19_Spring2023).

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

### 9<sup>TH</sup> GRADE

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

### 10<sup>TH</sup> GRADE

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

### 11<sup>TH</sup> GRADE

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

### 12<sup>TH</sup> GRADE

(1) English  
(1) Math  
(1) Science  
(1) Social Science  
and/or additional

**4 CORE COURSES**

### CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):  
877-262-1492 - Monday-Friday,  
9 a.m. to 5 p.m. Eastern time

### SEARCH FAQ:

[ncaa.org/studentfaq](https://ncaa.org/studentfaq)

[@ncaaec](https://twitter.com/ncaaec) [@playcollegesports](https://www.instagram.com/playcollegesports) [@ncaaec](https://www.facebook.com/ncaaec)



## Advanced Placement (AP) Courses

Advanced Placement Courses prepare students for the rigor of college. It is suggested that students consider taking at least one AP course before graduation. You can earn credit and/or placement at most colleges and universities in the U.S., as well as colleges and universities in more than 40 countries, through qualifying AP Exam grades. At many of these institutions, you can earn up to a full year of college credit through a sufficient number of qualifying AP Exam grades.

Individual colleges and universities grant course credit and placement, not the College Board. Because it varies from school to school, you should obtain a college's AP policy in writing. You can find this information in the institution's catalog, its website, or by using collegeboard.org's AP Credit Policy Info search.

Colleges that have received your AP Grade Report will notify you of any placement, credit, and exemption you have earned during the summer. You can also contact the college's admissions office to find out the status of your AP credits.



SAN JOAQUIN  
**DELTA**  
COLLEGE

## Dual Enrollment Program

Students at each comprehensive high school have the opportunity to earn college credits with San Joaquin Delta College through the Dual Enrollment Program. With Dual Enrollment, you will take college courses at your high school campus or online. Classes are geared towards college and career readiness, with options available in both Transfer and Career Pathways. Courses, including fees, tuition, and books are FREE. Topics vary by semester. Credits earned in dual enrollment can, at student's option and administrative approval, be listed on high school transcripts as electives (see Board Policy/Rule 6146.11 for more information).

- Teach students about the post-secondary educational system & provide guidance for success in college.
- Fulfill the general education requirements for an Associates of Arts or an Associates of Science Degree.
- Transfer to a California State University or a University of California 4-year institution (CSU, UC).

## Career Technical Education

There are a variety of classes districtwide that are designated Career Technical Education (CTE) courses. Over twenty (20) of these courses are articulated with local Community Colleges: Columbia College, Cosumnes River College, Modesto Junior College, and San Joaquin Delta College.

Through a 2+2 course articulation agreement, students can earn high school credits and community college prerequisites and/or industry certifications while taking these high school courses, DURING THE SCHOOL DAY, in a field that meets their college and career interests.

See your school counselor for more information on CTE courses offered in Lodi Unified School District. For more information regarding articulated courses, please see page 23.

## Special Programs & Academies

### Advancement via Individual Determination (AVID)

AVID is a nationally acclaimed system designed to increase school-wide learning and performance.

AVID's mission is to close the opportunity gap by preparing all students for college and career readiness and success in a global society.

AVID provides the necessary support, skills, and higher-level thinking for students to succeed in high school, college, and beyond. The AVID curriculum consists of strategies in note-taking, inquiry, collaboration, organization, reading, study skills, time management, reflection, and critical thinking.

In addition, students will research career and college opportunities and financial aid. Students must apply to participate in the AVID program.

AVID is offered at the four comprehensive high schools, as well as Middle College High School.

### Academy for Preparing Professional Leaders in Education (APPLE) - Lodi High School

The APPLE Academy is a school-within-a-school approach of integrated curriculum in four subject areas. Using a "team approach," four teachers work together to keep track of students' progress and help plan for each student to be successful. The team works together to plan lessons that incorporate useful information for a career in the education field.

If you think you want to be a teacher, pediatrician, child psychologist, youth activities director, family lawyer or child care worker, you will want them to be a part of APPLE.

### Child Centered Careers and Occupational Opportunities (C<sub>3</sub>O<sub>2</sub>) Tokay High School

The Children Centered Careers and Occupational Opportunities Academy offers an introduction to careers involving child development and education. Students study human development and have an opportunity to work with children of all ages.

The program offers young men and women the opportunity to:

- develop occupational and personal skills required for employment
- manage & conserve indiv./comm. resources
- build positive interpersonal & family relationships
- reinforce skills necessary for earning a living
- explore job and career options

### Health Careers Academy - McNair High School

A career in Health is waiting for you! Are you interested in being a doctor, surgeon, physical therapist, registered nurse, radiologist, dentist, veterinarian, medical assistant or other health service related career? If so, McNair High is the place for you.

The Health Careers Academy is looking for students interested in pursuing a career in the health industry. A wide range of coursework will expose students to the medical/dental industry and prepare students for these exciting and rewarding careers. Students must begin Academy courses sophomore year.

### Special Education - All Sites

The Special Education program is open to all students with exceptional learning needs and have an active Individualized Education Plan (IEP). There are a wide variety of special education programs and support services within Lodi Unified School District in order to best serve students with exceptional learning needs.

- Resource Specialist Program (RSP)
- Special Day Class (SDC—MM)
- Special Day Class (SDC—MS)

## Anti-Discrimination

The Board of Education desires to provide a safe school environment that allows all students equal access and opportunities in the district's academic, extracurricular, and other educational support programs, services, and activities. The Board prohibits, at any district school or school activity, unlawful discrimination, including discriminatory harassment, intimidation, and bullying, targeted at any student by anyone, based on the student's actual or perceived race, color, ancestry, nationality, national origin, immigration status, ethnic group identification, ethnicity, age, religion, marital status, pregnancy, parental status, physical or mental disability, medical condition, sex, sexual orientation, gender, gender identity, gender expression, or genetic information, or association with a person or group with one or more of these actual or perceived characteristics.



## Bullying

The Lodi Unified School District recognizes the harmful effects of bullying on student learning and school attendance and desires to provide a safe school environment that protects students from physical and emotional harm.



No student or groups of students shall, through physical, written, verbal, or other means, harass, sexually harass, threaten, intimidate, cyberbully, cause bodily injury to, or commit hate violence against any other student or school personnel.

Cyberbullying includes the creation and transmission of harassing communication, direct threats, or other harmful texts, sounds, or images on the Internet, social media, or other technologies using a telephone, computer, or any wireless device. Cyberbullying also includes breaking into another person's electronic account and

assuming that person's identity in order to damage the person's reputation. Any individual engaging in bullying of any type will be subject to disciplinary action.

## Complaint Policy

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The Lodi Unified School District has confidence in the competence and professionalism of its staff. However, if you have questions or concerns, we would like to know about it. The district encourages free and open communication from individuals and groups within the community regarding compliments, suggestions, questions, and complaints about any part of the school program or any employee of the school district.

### **To express a compliment about school personnel:**

If you would like to share a compliment, you can call a district employee, send a note, or speak to the person directly. You can also contact the person's supervisor or principal, the superintendent, or the Board of Education.

### **To express a concern about school personnel:**

If you have a concern, it helps to bring it to the attention of the correct people. In general, a parent should communicate first with the school and then with the appropriate office in the district administration.

- Every effort should be made to resolve a complaint with the employee involved.
- If the concern is not resolved with the employee, it should be submitted to the principal in writing.
- If the principal cannot resolve the problem, it will be submitted to the area director responsible for elementary and secondary education.
- Concerns not resolved at the area director level will be submitted to the associate superintendent.
- Concerns may be submitted to the superintendent if they have not been resolved at other levels.
- Concerns may be submitted using the Constituent Complaint Form, (Board Policy 1312.1, 1312.2, 1312.3)
- If a parent or community member brings a concern directly to the board or to a board member, the concern will be referred to the superintendent, who will request a written statement of the complaint as a basis for study and possible solutions.

### **To express a concern about instructional materials:**

- Most concerns can be resolved informally by your child's teacher or principal. This is always the best place to start.
- If a concern cannot be resolved informally, the district has a formal complaint procedure. The first step is to complete a "challenged material" complaint form which is available at every school.
- A district committee will then evaluate the questioned material and make a recommendation.
- The superintendent is responsible for a final decision on the appropriateness of the questioned material.
- If you are not satisfied with this decision, you may take your concerns to the Board of Education.
- In some cases, curriculum materials are approved by the county or the state. If such materials are challenged, the district may forward the complaint to the appropriate county or state office without taking any action.



## Annual Notification of the Uniform Complaint Procedures (UCP)

The Lodi Unified School District annually notifies our students, employees, parents or guardians of its students, the district advisory committee, school advisory committees, appropriate private school officials, and other interested parties of our Uniform Complaint Procedures (UCP) Process.

The UCP Annual Notice is available on our website.

We are primarily responsible for compliance with federal and state laws and regulations, including those related to unlawful discrimination, harassment, intimidation or bullying against any protected group, and all programs and activities that are subject to the UCP. Pursuant to California Education Code Section 35186, you are hereby notified that:

### Programs and Activities Subject to UCP:

- Accommodations for Pregnant and Parenting Pupils
- Adult Education
- After School Education and Safety
- Agricultural Career Technical Education
- American Indian Education Centers and Early Childhood Education Program Assessments
- Bilingual Education
- California Peer Assistance and Review Programs for Teachers
- Career Technical and Technical Education, Career Technical and Technical Training Programs
- Child Care and Development
- Compensatory Education
- Consolidated Categorical Aid Programs
- Course Periods without Education Content
- Discrimination, harassment, intimidation, or bullying against any protected group as identified under sections 200 and 220 and Section 11135 of the Government Code, including any actual or perceived characteristic as set forth in Section 422.55 of the Penal Code, or on the basis of a person's association with a person or group with one or more of these actual or perceived characteristics, in any program or activity conducted by an educational institution, as defined in Section 210.3, that is funded directly by, or that receives or benefits from, any state financial assistance.
- Educational and Graduation requirements for pupils in foster care, pupils who are homeless, pupils from military families and pupils formerly in Juvenile Court Pupils now enrolled in a school district
- Economic Impact Aid
- English Learner Programs
- Every Student Succeeds Act
- Local Control Accountability Plan (including Charter Schools as described in EC 47606.5 and 47607.3)
- Migrant Education
- Physical Education Instructional Minutes
- Pupil Fees
- Reasonable Accommodations to a Lactating Pupil
- Regional Occupational Centers and Programs
- School Safety Plans
- School Site Councils
- State Preschool
- Tobacco — Use Prevention Education

And any other state or federal educational program the State Superintendent of Public Instruction (SSPI) of the California Department of Education (CDE) or designee deems appropriate.

## Filing a UCP Complaint

A UCP complaint shall be filed no later than one year from the date the alleged violation occurred.

For complaints relating to Local Control and Accountability Plans (LCAP), the date of the alleged violation is the date when the reviewing authority approves the LCAP or annual update that was adopted by our agency.

A pupil enrolled in any of our public schools shall not be required to pay a pupil fee for participation in an educational activity.

A pupil fee complaint may be filed with the principal of a school, or our superintendent, or their designee.

A pupil fee or LCAP complaint may be filed anonymously, that is, without an identifying signature, if the complainant provides evidence or information leading to evidence to support an allegation of noncompliance.

## Responsibilities of the Lodi Unified School District

We shall post a standardized notice, in addition to this notice, with educational and graduation requirements for pupils in foster care, pupils from military families and pupils formerly in Juvenile Court now enrolled in a school district.

We advise complainants of the opportunity to appeal an Investigation Report of complaints regarding programs within the scope of the UCP to the Department of Education (CDE).

We advise complainants of civil law remedies, including injunctions, restraining orders, or other remedies or orders that may be available under state or federal discrimination, harassment, intimidation or bullying laws, if applicable.

Copies of our UCP procedures shall be free of charge.

## Contact Information

Complaints within the scope of the UCP are to be filed with the person responsible for processing complaints:

Aisha Brice, Coordinator, School Climate  
1305 E. Vine St.  
Lodi, CA 95240  
(209) 331-7976 FAX (209) 331-7981

The above contact is knowledgeable about the laws and programs that they are assigned to investigate in Lodi Unified School District.

# High School Course Catalog



# LODI USD



Courses with the notation seen to the left are being submitted to  
The University of California system for A-G approval.  
Approval is NOT guaranteed. Please check with your school counselor.

## Career Technical Education (CTE)

At its core, Career Technical Education (CTE) prepares students for success in college and career by helping them develop skills, technical knowledge, and experience for high-skill, high-demand, and high-wage careers.

### Benefits of Career Technical Education

Lodi Unified School District is proud to offer nearly thirty different CTE Pathways in which students can enroll beginning their sophomore year. CTE pathways allow students to earn community college prerequisites toward a CTE Pathway certification while still in high school. In addition, CTE programs have partnerships with employers in their communities, who may provide training, mentorship, opportunities for internships, networking and entry-level jobs.

Regardless of whether students are headed for college or the workforce, this type of education will help them prepare for the future. In fact, college-bound students can get job experiences to help them define their career plans and identify an appropriate course of study.

### How do CTE Pathways work?

A CTE Pathway is a multi-year sequence of courses that incorporates core academics with technical and occupation-related knowledge to provide students with a direct skills pathway to post-secondary education and careers. CTE pathways generally consist of three courses:

Introductory Course →

Concentrator Course →

Capstone Course

A student is considered a “Completer” if they complete at least the last two courses (Concentrator and Capstone) in a pathway. All courses must be in the same pathway for students to be considered a Completer.

Some courses offered in Lodi Unified give students the opportunity to become Completers with a 2-period course offering. These courses are identified in the course catalog as having 20 credits. All courses at Lincoln Technical Academy are 2-period offerings, as well as some classes at various comprehensive high schools.

### Meet Community College Prerequisites

Many of the Career Technical Education courses in Lodi Unified School District have 2 + 2 Articulation Agreements in place with local community colleges. This means that when a student successfully completes the course and meets the articulation requirements, they are eligible to start community college having met a prerequisite within their CTE pathway. This allows students to meet community college prerequisites, as well as get through community college faster.

Please see page 24 for a list of courses that are eligible for articulation with the community college.  
Be sure to speak with your school counselor to enroll in these courses.

## 2+2 Articulation Agreements = Head Start in College

High School Course Name	Course #	Offered At	Grade Required	Articulated College
Administration of Justice CTE	584771	LTA	B – Both Semesters	SJDC/HU
Agricultural Mechanics CTE	403000	LHS, THS	B - Both Semesters	Welding Cert - SJDC
Agricultural Welding CTE	404672	LHS	B - Both Semesters	Welding Cert - SJDC
Art & History of Floral Design CTE	405575	BCHS, LHS, THS	B - Both Semesters	MJC
Advanced Floral Design CTE	405710	LHS, THS	B - Both Semesters	MJC
Business Occupations Cert. CTE	461572	LibHS	B - Both Semesters	SJDC
Careers with Children CTE	440070	LTA	B – Both Semesters	Certificate - SJDC/HU
Careers in Education CTE	440170	LTA	B – Both Semesters	HU
Computer Repairing CTE	555870	LTA	B – Both Semesters	SJDC
Computer Science 1 CTE	575610	BCHS, LHS, THS	B - Both Semesters	SJDC
Dental Assisting CTE	423470	LTA	B – Both Semesters	Certificate - SCC
Developmental Child Psych CTE	432110 432143	LHS, THS	A - Both Semesters	SJDC
Diesel Technology CTE	590570	LHS	B - Both Semesters	Certificate -SJDC
Entrepreneurship CTE	590670	LTA	B – Both Semesters	Certificate - CC
Fashion & Design CTE	441100	BCHS, LHS MHS, THS	A - Both Semesters	SJDC
Fire Science CTE	583370	LTA	B – Both Semesters	CRC
Hospital Occupations CTE	429870	MHS	B - Both Semesters	SJDC/HU
Auto Mechanics CTE	565200	BCHS, LHS, THS	B - Both Semesters	Auto Certificate-SJDC
Advanced Auto Mechanics CTE	565280	BCHS, THS	B - Both Semesters	Auto Certificate-SJDC
Medical Assistant CTE	424270	LTA	B – Both Semesters	SJDC
Medical Science & Terminology	422770	MHS	B - Both Semesters	SJDC
Ornamental Horticulture / Landscape CTE	405472	BCHS LHS, THS	B - Both Semesters	SJDC

CC	Columbia College	BCHS	Bear Creek High School	MCHS	Middle College High School
CRC	Cosumnes River College	LibHS	Liberty High School	MHS	Ronald McNair High School
HU	Humphreys University	LTA	Lincoln Technical Academy	PRHS	Plaza Robles High School
MJC	Modesto Junior College	LDA	Lodi Digital Academy	THS	Tokay High School
SCC	Sacramento City College	LHS	Lodi High School	VRA	Valley Robotics Academy
SJDC	San Joaquin Delta College				



# Career Technical Education Courses



## AGRICULTURE

### Agricultural Business Pathway



Environmental and Spatial Technology CTE (EAST)						409872	
LHS	11-12	10	None	Fine Art, Lang, CTE	Y	Ag Business Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

EAST Lab is a course in which students will use computers to engage in a project-based approach to problem solving. After learning how to use the needed tools and appreciating capabilities, students will work independently and in teams to solve real world problems. Such problems may involve students in one or more of the following areas: office automation, computer-aided design, 3-D modeling, engineering design, surveying and mapping (including working with global positioning systems), geographic information systems, Visual Basic programming, database applications, web page design, digital photo/video editing, and visualization applications.

### Agricultural Mechanics Pathway



Agricultural Mechanics CTE						403000	
BCHS, LHS, THS	9-12	10	Yes – see page 23	None	Fine Art, Lang, CTE	N	Ag Mech Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course is an introduction to the area of agricultural mechanics including basic drawing, woodworking, metal working, welding, small engines and farm power. Emphasis is placed on the safe and proper use of power tools, and the proper care, sharpening and use of hand tools. This course prepares students for the more advanced skills necessary to be successful in Advanced Agriculture Mechanics. Project work is part of the course.

Agricultural Welding CTE						404672	
BCHS, LHS, THS	10-12	10	Yes – see pg 23	Successful completion (C or better) of 403000	Fine Art, Lang, CTE	N	Ag Mech Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

An advanced class designed to prepare students for entry level positions utilizing various welding processes, Oxyacetylene, Electrode, MIG and TIG. Curriculum includes: measurement and layout, project design and fabrication, machine ID and maintenance. Other tools incorporated into class: plasma cutter, oxyacetylene cutting, metal shear, grinder, and metal band saw. Students will design and fabricate their own projects. Prerequisite: Successful completion (C or better) of Ag Mechanics CTE.

Agricultural Mechanics, Advanced CTE						403080	
BCHS, LHS, THS	11-12; THS only 10-12	10	Successful completion (C or better) of 403000	Fine Art, Lang, CTE	Y	Ag Mech Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This course includes Arc and acetylene gas welding, including theory and practical welding, oxy-acetylene cutting and metal preparation, and farm and power equipment maintenance. There is also a review of the safe operation of hand and power tools. The class provides advanced instruction in the repair and maintenance of machinery. A second year of this class will prepare students to construct large pieces of machinery. Personalized individual projects are a major component of the course. Prerequisite: Successful completion (C or better) of Agricultural Mechanics CTE.

## Agriscience Pathway



Intro to Applied Agriculture Science CTE CP						407610	
BCHS, LHS, THS	9-12	10	None	Physical Science, Fine Art, Lang, CTE	D	N	Agriscience Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course has been designed as an introduction to Applied Science. The course will include a basic study of Plant Science, Animal Science, and Earth and Environmental Sciences. This course will focus on the functions, interactions and the importance of plants, animals, and the earth's processes and natural resources. The course includes instruction in the scientific method, laboratory techniques and practices, and employability skills required of technicians in the fields of science and agriculture.

Agriculture & Soil Chemistry CTE CP						407310	
BCHS, LHS, THS	10-12	10	None	Physical Science, Fine Art, Lang, CTE	D	N	Agriscience Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program will be an in-depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. These requirements may vary by site.

## Animal Science Pathway



Animal Science CTE					402510	
BCHS	11-12	10	None	Life Science, Fine Art, Lang, CTE	N	Animal Sci Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course will provide the students with principles in Animal Science along with Anatomy and Physiology focusing on the area of mammalian production, anatomy, physiology, reproduction, nutrition, respiration, and genetics. This course is intended to successfully prepare students for entry level employment after high school, as well as those students who plan on majoring in Agriculture Sciences at a post-secondary institution.

## Forestry and Natural Resources Pathway



Agriculture Woodshop CTE					407110	
BCHS, THS	9-12	10	None	Fine Art, Lang, CTE	N	Forestry Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

Ag Woodshop will center on the hands-on application of woodworking skills, tool identification, material selection, project layout and construction. The course covers basic hand tool and machine operations in the wood/carpentry shop. Shop and machine safety are prioritized. Students will learn the operation of radial arm saws, jointer, table saw, band saw, jigsaw, drill press, sanders, lathe, hand tools, & portable power tools. There are projects related to construction, joints, assembly, gluing, clamping, and finish, as well as design & construction of a student's own project(s).

Agriculture Woodshop 2 CTE						407741	
BCHS, THS	10-12	10	Successful completion (C or better) of 407110	Fine Art, Lang, CTE	Y	Forestry Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Agriculture Woodshop Advanced will be a second year course for students interested in woodworking. Students will use the skills developed in Agriculture Woodshop to further master woodworking practices and apply them to large projects. Students will continue to learn construction practices & project fabrication and design. Prerequisite: Successful completion (C or better) of Ag Woodshop CTE.

## Sustainable Agriculture Pathway



Sustainable Agriculture Biology CTE CP						407210	
BCHS, LHS, THS	9-10: LHS 9-12	10	None	Life Science, Fine Art, Lang, CTE	D	N	Sust Ag Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Sustainable Agriculture is a course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major sections, each with a guiding question. Within each unit specific life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge, culminating in the development of a sustainable farm model and portfolio of supporting student research.

Agriscience Systems Management CTE H							407412	
LHS	11-12	10	None	H	Life Science, Fine Art, Lang, CTE	D	N	Sust Ag Capstone
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	CTE Pathway

This integrated class combines an interdisciplinary approach to lab science and research with agricultural management principles. Using skills and principles learned, students design systems and experiments to solve agricultural management issues facing the industry. Also, students will connect the products created in class with industry activities to link real world encounters and implement skills demanded by colleges and careers. The course culminates with an agriscience research project in which students design and conduct an experiment to solve a relevant issue.

## Ornamental Horticulture Pathway



Ornamental Horticulture / Landscape CTE						405472	
BCHS, LHS, THS	11-12; THS 10-12	10	Yes – see page 23	None	Life Science, Fine Art, Lang, CTE	N	OH Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course is the study of propagation, growth and care of plants used for landscaping, indoor use and the floriculture industry. The class covers materials in plant science including: cells and functions of the cell, tissues, plant physiology, sexual and asexual reproduction, nutrition, genetics, disease/control and cures, moisture management, plant dichotomy and classification. Safety and the use of common agriculture equipment and chemicals are also covered. Class time is spent in the greenhouse and areas to be landscaped. Membership in the FFA club is encouraged and participation in FFA activities is an integral part of the curriculum. This course may be used to fulfill 10 credits of the life science graduation requirement.

## Floral Design Pathway



Art & History of Floral Design CTE CP							405575	
BCHS, LHS, THS	10-12	10	Yes – see page 23	None	Fine Art, Lang, CTE	F	N	Floral Design Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course acquaints students with theories and principles of artistic design and the influence of floral artistry. The course emphasizes knowledge and skills to provide students with a perceptual base leading to understanding artistic perception, creative expression, historical and cultural context(s); aesthetic valuing and connections, relations and application of visual arts. Through practical skill development the student will become familiar with materials, tools, design mechanics, maintenance and design evaluation. Students will achieve this through creating, designing, identifying, explaining and evaluating topics of study.

Advanced Floral Design CTE CP							405710	
BCHS, LHS, THS	11-12	10	Yes – see page 23	Successful Completion (C or better) of 405575	Fine Art, Lang, CTE	G	Y	Floral Design Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course will build upon the prerequisite course. Advanced Floral Design will increase the focus on the art of design, handling of cut flowers, the mechanics of floral design, and the effects of retail in the floral industry. Students will learn about building and designing displays, advertising, marketing, pricing and sales. Students will also develop floral design skills for use in industries such as wedding, sympathy, and event floral work. Prerequisite: Successful completion (C or better) of Art & History of Floral Design CTE.

## ARTS, MEDIA & ENTERTAINMENT

### Graphic Design Pathway



Graphic Design CTE						575175	
LTA	11-12	20	None	Fine Art, Lang, CTE	F	N	Graphic Design Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course is a CTE computer art and design class following the CTE Model Standards. Students study computer painting and drawing techniques, color theory, composition, typography and digital imaging. Students produce posters, package designs, brochures, ads and logos. Students will learn website design and basic animation techniques. This course also focuses on careers in the graphic production pathway.

## BUILDING & CONSTRUCTION TRADES

### Residential and Commercial Construction Pathway



Construction Technology 1 CTE						557210	
LHS	9-11	10	None	Fine Art, Lang, CTE	G	N	Bldg & Const Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course is an overview of the construction trades, with integrated Geometry content. Students master measurement systems, safe use of hand and power tools, calculation and characteristics of materials, basic carpentry, framing, introduction to electrical wiring and plumbing, and site preparation. Students will learn scale modeling, sketching, and basic blueprinting. Students learn about construction careers. Coursework is research and project-based, developing teamwork and project management skills. The culminating project is a house design project: scale modeling, sketches, rough blueprints, materials lists and pricing, personnel needed, and in-class presentation. Students demonstrate responsibility for personal, occupational safety on the job site.

Construction Technology 2 CTE					557710	
LHS	10-12	10	Successful completion (C or better) of 557210	Fine Art, Lang, CTE	N	Bldg & Const Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course covers a more advanced knowledge of safety, use of hand and power tools, blueprint reading, and geometry. Students will learn all aspects of framing, including floor, wall, and roof framing. Students will have the opportunity to learn about and perform basic residential electrical wiring, plumbing, and roof installation. Integrated throughout the course are foundation standards, which include communication, ethics, interpersonal/team skills, critical thinking and other employment skills needed for the construction industry. Each unit will have a different team leader assigned to it so that all students will have the opportunity to lead their team through a phase of the construction process. Students in this course will have the opportunity to take the OSHA 10 hour safety course to obtain their lifetime safety certificate. Prerequisite: Successful completion (C or better) of Construction Technology 1 CTE.

## BUSINESS & FINANCE

### Business Management Pathway



Business Occupations Certification CTE						461572	
LibHS	11-12	10	Yes- see pg. 23	None	Fine Art, Lang, CTE	N	Bus Mgmt Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course develops keyboarding skills and teaches the essentials of Microsoft Office Suite (Word, Excel, Powerpoint, Access). This course can lead to Microsoft Office certification (Microsoft Office Specialist-MOS). Microsoft Office Certification is an industry-recognized certification that prepares students for college and the workforce. Microsoft Office Specialist certification can help prepare students for college and with employment as many employers are looking for people with experience in Microsoft Office.

Introduction to Business CTE						465000	
BCHS	9-12	10	None	Math, Fine Art, Lang, CTE	N	Bus Mgmt Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This is a foundational course for developing a broad perspective of business functions, purpose and structure. Students will acquire a basic vocabulary of business terms and will study in the following areas: Economics, free enterprise, career exploration, economic risk and insurance, savings and investments, banking services, checking accounts, personal money management, credit, the stock market, consumer rights and responsibilities. Students will apply practical and business mathematical skills – arithmetic application, situational word problems, creating and interpreting graphs/tables/charts, record keeping, finance, economics, and more.

Virtual Enterprise, Business Management & Personal Finance CTE						412370	
LTA	11-12	20	None	Fine Art, Lang, CTE	N	Bus Mgmt Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Guided by a task-based curriculum rather than a textbook, students produce the key deliverables that are required in a real business. Students conduct market research, work cooperatively to develop and write a business plan, design and implement an e-commerce website, recruit and market to clients/customers, and pay wages and taxes. Firms engage in international trade with other Virtual Enterprise firms on a continuous basis, participating in a global economy of over 7,500 firms across 42 countries. The transfer of funds is made electronically through a web-based banking system that links firms worldwide. The simulation environment encourages risk-taking and continuous cycles of improvement and innovation. This simulation enables students to understand how employees, workgroup teams, and departments interact with each other and work together to meet the goals of the company while at the same time conveying the expectations of the workplace and developing an entrepreneurial mindset. Students will also be paid a virtual paycheck and have to manage household expenses, learning the fundamentals of personal finance.

## EDUCATION, CHILD DEVELOPMENT & FAMILY SERVICES

### Child Development Pathway



Child Development CTE CP – C <sub>3</sub> O <sub>2</sub>						435143	
THS	10	10	Enrollment in C <sub>3</sub> O <sub>2</sub> Academy	Fine Art, Lang, CTE	G	N	Child Dev Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This class is the introductory class for the Child-Centered Careers and Occupational Opportunities (C<sub>3</sub>O<sub>2</sub>) Academy. The focus of this course is to introduce basic child development psychology and theory to the students through an integrated curriculum. During the year, students will explore the five areas of development, parenting practices, discipline styles, careers in child development and major theorists and their studies. This course is not open to the general student body, as it is integrated with other specific classes that make up the Academy pathway. To enroll in this class, a student must first apply and be accepted to the C<sub>3</sub>O<sub>2</sub> Academy.



Developmental Child Psychology CTE CP – C <sub>3</sub> O <sub>2</sub>							432143	
THS	11	10	Yes – see page 23	Enrollment in C <sub>3</sub> O <sub>2</sub> Academy	Fine Art, Lang, CTE	G	N	Child Dev Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This class is the second career-technical class for the Child-Centered Careers and Occupational Opportunities (C<sub>3</sub>O<sub>2</sub>) Academy. During the year, the students study major physical, cognitive, and social-emotional developmental stages of children from conception through adolescence. The principle theories of development, the impact of families, school and culture as well as atypical development are also addressed. This course is relevant for students interested in a career working with children. Students will also explore these careers while working with an adult mentor who has a similar career. This course incorporates FCCLA standards. To enroll in this class, a student must first apply and be accepted to the C<sub>3</sub>O<sub>2</sub> Academy.

Careers with Children CTE							440070	
LTA	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	N	N	Child Dev Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This course prepares students to become child care workers in a variety of settings. Students will be placed at community sites working with young children for related hands-on instruction. Students completing this program have an opportunity to work in preschools, daycares, elementary schools, schools for exceptional children, and other types of child care centers. Students receive instruction in child development stages, current learning theories, health & safety issues, positive guidance, discipline techniques, & job preparation skills. **Requirements:** Negative TB skin test or chest x-ray, as well as any vaccinations required by community classroom site, are required before students can be placed at a community classroom site.



## Consumer Services Pathway

Life Management I CTE						435700		
MHS	9-10	10	None	Fine Art, Lang, CTE	N	N	Cons Services Introduction	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway		

Life Management I is a year-long introductory course which helps students build confidence in dealing with “real life lessons.” The areas of study include friends and family relationships, foods and nutrition, child development, fashion, interior design, consumer education and FCCLA. Students will participate in hands-on and group activities to help students develop self-worth and leadership.

Life Management II CTE							435800	
MHS, THS, LHS	10-12; LHS only 11-12	10	None	Fine Art, Lang, CTE	G	N	Cons Services Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway	

Life Management II is a year-long course designed to provide young adults with skills and knowledge necessary to be successful in their personal/family life as well as the workplace. Students will participate in hands-on activities and projects to prepare them to live on their own. Instruction in human development, financial planning and consumerism, fashion and wardrobe planning, nutrition and meal preparation, housing decisions, and leadership within FCLAA provides assistance in finding satisfaction and balance in work, personal and family life. Completion of the Life Management I course is recommended but not required to take Life Management II.

## Education Pathway



Developmental Child Psychology CTE CP – APPLE							432110	
LHS	10	10	Yes – see page 23	Enrollment in APPLE Academy	Fine Art, Lang, CTE	G	N	Education Introduction
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

As part of a Child Development Pathway, this class is the first career-technical class for the APPLE Academy. During the year, the students study major physical, cognitive, and social-emotional developmental stages of children from conception through adolescence. The principle theories of development, the impact of families, school and culture as well as atypical development are also addressed. This course is relevant for students interested in a career working with children. Students will also explore these careers while working with an adult mentor who has a similar career. This course is aligned with CTE Standards in the Education, Child Development, and Family Services Industry Sector; also, incorporates FCCLA standards.

Explorations in Education CTE CP – APPLE							435440	
LHS	11	10	Enrollment in APPLE Academy	Fine Art, Lang, CTE	G	N	Education Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway	

This course is the second year technical core class in the APPLE Academy. Students explore the foundations of education, learning style and curriculum development. Students are matched with an adult mentor and are expected to complete specific assignments related to education. Students visit classrooms, observe teachers and students, organize, plan and implement Lodi High School's Play School.

Careers in Education CTE							440170	
LTA	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	G	N	Education Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This is an academically focused course designed to introduce interested college prep students to the theory behind learning and teaching. Students will study the history of education in the United States, sociological factors influencing educational systems, the psychology behind learning and teaching, curriculum design and educational standards. This course requires students to produce written reports, oral presentations and group projects focusing on education and various academic content areas. This course explores the philosophical, social, and historical roots of education in America, as well as current issues and challenges. An introduction to educational theories and research-based projects is provided. Students learn the professional norms, skills, and competencies related to careers in education. This course also introduces students to the concepts and issues related to diverse learners in today's contemporary schools.

## Family and Human Services Pathway



Family Living CTE							435500	
MHS	9	5	None	9 <sup>th</sup> Grade Pathway	N	Fam/Hum Ser Concentrator		
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway		

This course is designed to assist students as they transition from middle school to high school, supporting academic success. Some of the important topics included are: study skills (organization, goal setting, decision making), career exploration, family life (human reproduction system, stages of pregnancy, abstinence), and character education (respect, responsibility, honesty, communication).

Human Relations and Parenting CTE							432300	
MHS	11-12	10	None	Fine Art, Lang, CTE	N	Fam/Hum Serv Capstone		
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway		

The course concentrates on the roles/responsibilities of young adults. Students will explore skills for managing resources as they affect various areas of life: interpersonal skills, relationships, marriage, divorce, human reproduction, family planning, coping, aging and death. The course also covers development of the unborn, prenatal care, childbirth, infant/child growth & development, and the responsibilities of parenthood.

# ENGINEERING & ARCHITECTURE



## Engineering Design Pathway

3D Engineering Design with SolidWorks CTE							557670	
THS	9-12	10	Concurrent enrollment in 245700 or higher	Fine Art, Lang, CTE	G	N	Engineering Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway	

Students will learn to use SolidWorks software as a tool to create 3D CAD solid models and engineering drawings. An end goal of this course will be for students to earn the Certified SOLIDWORKS Associate - Academic (CSWA - Academic) certification which is intended for students with a minimum of six to nine months of SolidWorks experience and basic knowledge of engineering and fundamentals and practices. This is a well sought-after certification in the engineering design industry. This certification will allow students to obtain entry-level employment in this industry. This is the Concentrator course in the CTE Engineering Design Pathway. Corequisite: High School Math or higher.

Applications of CAD/CAM CTE							Course # TBD	
THS	10-12	10	Successful completion (C or better) of 557670 and Concurrent enrollment in 240710 or higher	Math Elective, Fine Art, Lang, CTE	*	N	Engineering Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway	

Students will learn to use solid modeling software as a tool to create advanced 3D CAD solid models and engineering drawings. Students will use engineering drawings to markup 2D CAD drawings as needed to write G-Code for computer numerical control (CNC) machines. Students will import 3D solid models into computer aided design and computer aided manufacturing (CAD/CAM) software to automatically create G-Code for machining. Students will learn CNC machine setup and operations. These skills are highly sought after in the manufacturing and engineering design industries. This is the Capstone Course in the Engineering Design Pathway. Prerequisite: Successful completion (C or better) of 3D Engineering Design with SolidWorks CTE. Co-requisite: Enrollment in Integrated Math 2 or higher.

# FASHION & INTERIOR DESIGN



## Fashion Design & Merchandising Pathway

Fashion & Design CTE							441100	
BCHS, LHS, MHS, THS	10-11	10	Yes – see page 23	None	Fine Art, Lang, CTE	F	N	Fashion Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This is a year-long course which introduces students to design and construction skills necessary to create garments. Units of study will include clothing selection and care, basic textiles, use and care of equipment and machines, construction of basic sewing techniques and projects. Careers, history and designers of fashion will be explored. Students will participate in hands-on activities and projects.

Fashion & Design, Advanced CTE							441180	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 441100	Fine Art, Lang, CTE		Y	Fashion Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable	CTE Pathway	

Advanced Fashion and Design is a yearlong course which will assist students in their clothing choices to enhance their self-image. Students will implement and improve upon their basic sewing skills to construct several projects. Units of study will include apparel selection, elements and principles of design, textiles and advanced sewing techniques and projects. Careers in the clothing and textile industry will be explored. Prerequisite: Successful completion (C or better) of Fashion & Design CTE.

# HEALTH SCIENCE & MEDICAL TECHNOLOGY

## Patient Care Pathway



Careers in Healthcare CTE						422570	
LTA	11-12	20	None	Fine Art, Lang, CTE	G	N	Patient Care Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Careers in Healthcare CTE provides students the opportunity to explore careers in health care while offering a strong foundation regarding the necessary steps to becoming multi-skilled healthcare workers. Students learn communication skills, ethics, interpersonal skills, critical thinking, problem-solving, safety, technology, and other employment skills required to work in the industry. Guest speakers, job shadowing and field trips will be included as part of this career exploration course. This course will be beneficial for those students who are interested in pursuing the Medical Assistant CTE or Dental Assistant CTE course as a senior. Students who successfully complete the course will earn the American Heart Association CPR/AED certification.

Careers in Healthcare (Year 1) CTE						422810	
BCHS	10-12	10	None	Fine Art, Lang, CTE	G	N	Patient Care Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Careers in Healthcare (Year 1) CTE provides students the opportunity to explore careers in health care while offering a strong foundation regarding the necessary steps to becoming multi-skilled healthcare workers. This is year 1 of a 2 year sequence. Following the year 2, Capstone course, students will be CTE Completers. Students do not need to take year 1 prior to the Careers in Healthcare CTE course at LTA. The LTA Course covers the 2 years' of content in one year. Students learn communication skills, ethics, interpersonal skills, critical thinking, problem-solving, safety, technology, and other employment skills required to work in the industry. Guest speakers, job shadowing and field trips will be included as part of this career exploration course. This course will be beneficial for those students who are interested in pursuing the Medical Assistant CTE or Dental Assistant CTE course as a senior. Students who successfully complete the course will earn the American Heart Association CPR/AED certification.

Dental Assisting CTE							423470	
LTA	12	20	Yes – see page 23	None	Fine Art, Lang, CTE	G	N	Patient Care Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Upon receiving a Certificate of Completion from this course high school seniors are able to work in a dental office as an unlicensed chairside dental assistant. High school seniors have the option of taking the course either for career exploration or to pursue a Certificate of Completion. Pursuing a Certificate of Completion requires also attending a Period 7 lab class two days per week (see description below) and completion of an externship in a dental office at the end of the two semester course. Students must be 18 years of age to begin their externship. Students pursuing a Certificate of Completion must also become certified to take dental x-rays by taking a CA Dental Board approved CA Radiation Safety Course which is also offered at Lincoln Technical Academy. Classroom lectures, demonstrations, and hands-on practice in three fully-equipped modern dental treatment rooms train students to prepare instrumentation and commonly used dental materials, assist the dentist working in the patient's mouth, and utilize infection control techniques. Students must provide their own transportation to the Period 7 lab class and to their externship. **Requirements:** Negative TB Test, Hep B vaccination, up-to-date Tetanus vaccination, and any other vaccines required by the Extern site and must have CPR Certification by completion of class.

Dental Lab					423570		
LTA	12	5	Concurrent Enrollment in 423470		Elective	N	
Offered At	Grades	Credits	Co-Requisite		Grad Req	Repeatable	

All students enrolled in Dental Assisting CTE are required to enroll in Dental Lab. Students must attend two days a week, **Tuesdays and Thursdays 3:30-4:45 pm**. It is also a requirement in qualifying for a Certificate of Completion from the Dental Assistant Course.

Dental – Radiation Safety Course						014250
LTA	12	5	Concurrent Enrollment in 423470	Elective		N
Offered At	Grades	Credits	Co-Requisite	Grad Req		Repeatable

This optional course is a Dental Board of California approved 80-hour course that satisfies the California radiation safety requirements to be able to operate dental radiographic (x-ray) equipment. Students will learn both bisection of the angle and parallel techniques of exposing x-rays using film and digital sensors. Students will also learn film processing, sensor software, and theory related to radiation production and safety as well as the correction of exposure errors. After successfully completing the techniques on Dexter mannequins, students must provide four clinical patients for the completion of the course. Successful completion of course competencies will provide the student with the Certificate of Completion necessary to be able to expose dental radiographs (x-rays) in a dental office setting in California. This course is typically offered twice per year during after-school hours.

Hospital Occupations CTE						429870	
MHS	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	N	Patient Care Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course is designed to introduce students to careers related to the medical field and prepares students for entry-level employment in the medical setting. Students learn about the human body, medical terminology, assess vital signs and use health related skills including professionalism, customer service and communications. Students are placed in community classroom sites, such as dietary, physical therapy, surgery, patient transportation, hospital offices, medical offices, or other areas according to interests and availability. **Requirements:** Physical exam or physical clearance and a negative TB skin test or chest x-ray required before students can be placed at a community classroom site. Students must also provide proof of vaccinations as required by their community classroom site. Students must provide own transportation to placement site; some are within walking distance.

Intro to Dental Assisting (Year 1) CTE						423110	
BCHS	10-12	10	None	Fine Art, Lang, CTE	N	Patient Care Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This course is open to Sophomores through Seniors looking to learn more about the many different employment opportunities in the field of Dentistry including those that are not necessarily related to working in the mouth. Students will learn the soft skills and technical skills required to work in the industry. Guest speakers, job shadowing and field trips will be included as part of this career exploration course. This course will be beneficial for those students who are interested in pursuing the Dental Assistant course as a senior.

Medical Assistant CTE							424270	
LTA	12	20	Yes – see page 23	Student must turn 18 by 7/1/24	Life Science, Fine Art, Lang, CTE	G	N	Patient Care Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course prepares students for employment as a Medical Assistant in both the administrative and clinical areas of medical facilities, hospitals, and offices. Administrative instruction includes medical ethics and law, reception techniques, patient check-in, clerical skills, communication skills, office automation, including computer skills for the medical facility, HIPAA regulations and medical terminology. The clinical component includes infection control/aseptic technique, vital signs, patient assessment and charting, pharmacology, EKG's, nebulizers, phlebotomy and injection techniques, as well as Point of Care testing such as urinalysis and glucose testing. Students will study the various body systems. This course may be used to fulfill 10 credits of the life science graduation requirement.

**Requirements:** Negative TB skin test or chest x-ray and any vaccinations the Extern site requires. COVID-19 vaccination is required for most externship sites. Students interested in on-the-job-training (extern) must provide their own transportation. Extern sites require a background check (at student's expense). Students must be 18 years of age to begin their externship. Students must be 18 by July 1, 2024 to enroll.



# HOSPITALITY, TOURISM, AND RECREATION



## Food Service and Hospitality Pathway

Consumer Foods & Nutrition CTE						436100	
BCHS, LHS, MHS, THS	10-11	10	None	Fine Art, Lang, CTE	N	Food Service Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This course is designed to present the fundamentals of food preparation and the importance of meal management. Other skills taught include use and care of equipment and appliances, safety in the kitchen, food sanitation, kitchen organization, food buying and preservation, use of consumer resources and agencies, and the relationship of nutrition and fitness to good health. Students may also explore careers in the food industry.

Consumer Foods & Nutrition, Advanced CTE						436180	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 436100	Fine Art, Lang, CTE	N	Food Service Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This course is an extension of Consumer Foods and Nutrition. It is designed for the student who would like to attain advanced skills in cooking experiences, food nutrition and preparation, meal planning, appliances, food service, and foods-related career exploration. Prerequisite: Successful completion (C or better) of Consumer Foods and Nutrition CTE.

Culinary Arts CTE						442070	
MHS	11-12	20	Successful completion (C or better) of 436100	Fine Art, Lang, CTE	G	N	Food Service Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This advanced foods course prepares students in food production, preparation, customer service and teamwork skills for the job market or transition to post-secondary education programs at the community college, private, technical or trade school, and/or a four year college or university. Instruction includes planning, selecting, storing, purchasing, preparing, testing, serving and selling of quality food products. Additional study areas include nutritive values, safety and sanitation, use and care of commercial equipment, management of food establishments, cost and profitability analysis. Students develop and demonstrate competencies while operating the on-site restaurant, Eagle Café. Prerequisite: Successful completion (C or better) of Consumer Foods & Nutrition CTE.

# INFORMATION AND COMMUNICATION TECHNOLOGIES



## Information Support and Services Pathway

Computer Repairing CTE						555870	
LTA	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	N	Info Support Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This competency based course provides students with instruction and practice in troubleshooting, installing, and integration of computer systems. The following will be covered: wiring and networking of multimedia and telecommunications, home security system, AC wiring, lighting, low voltage structured networking. All Smart technology networked to one unit throughout residence or business using home, technology programming software and hardware. Students may have the opportunity for job site training in the Lodi or Stockton area.

## Networking Pathway

Cybersecurity CTE						Course # TBD	
LTA	11-12	20	None	Fine Art, Lang, CTE	N	Networking Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Cybersecurity covers foundational knowledge and essential skills in all security domains in the cyber world-information security, systems security, network security, mobile security, physical security, ethics and laws, related technologies, defense, and mitigation techniques used in protecting businesses. This course is essential for students who want to prepare for the Cybersecurity Pathway certification tests for: Cisco Certified Network Associate (CCNA) Certification, Cisco Cybersecurity Operations Fundamentals (CBROPS) Certification, Certificate of Cloud Security Knowledge Certification.

## Software and Systems Development Pathway

Inventing Smart Objects CTE						592070	
MHS	9-12	10	None	Fine Art, Lang, CTE	G	N	Software Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This yearlong class will introduce how to connect code with microprocessors (like the Raspberry Pi) to solve problems and create unique interactive experiences. Smart objects are all around us, and with inventions like Alexa and Google Home they are becoming central to our everyday lives. In this class, students will learn how to connect sensors and other inputs to the Internet to solve problems. Want to talk to your pet from the Internet? Want to know when it's time to water your plants? The problems you design are up to you. This is a hands-on lab class where students will code, design and invent in pairs. Along the way, you will learn how to code in Python, the basics of circuits and electronics and an introduction to web design.

Make an App for That! CTE						575410	
MHS	10-12	10	Successful Completion (C or better) of 592070	Fine Art, Lang, CTE	N	Software Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Have a mobile app idea that you want to create? This class teaches you what you need to get going in web and mobile design. You will learn the fundamentals of JavaScript and web technologies to build cross platform mobile applications. By the end of this class, you will be testing your designs on your own devices – watching your ideas come to life. Prerequisite: Successful completion (C or better) of Inventing Smart Objects CTE. It is suggested that Web Animation & Interaction is taken before this course.

Web Animation & Interaction CTE						575310	
MHS	10-12	10	Successful Completion (C or better) of 592070	Fine Art, Lang, CTE	N	Software Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Interested in web design, interactivity, and animation? In this class, you will learn how to code websites and the fundamentals of JavaScript, unlocking the ability to create animations for the web, using HTML, CSS & JavaScript. This class teaches you what you need to get going in the web design field including User Interface Design, responsive web design, and interactive animations for the web. Prerequisite: Successful completion (C or better) of Inventing Smart Objects CTE.

Computer Science 1 CTE							575610	
BCHS, LHS, THS	9-11	10	Yes- see pg 23	Concurrent enrollment in 240610	Fine Art, Lang, CTE	G	N	Software Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Students will learn to program classic video games (pong, pac-man, tetris, etc) utilizing Carnegie Mellon University's CS Academy curriculum ([academy.cs.cmu.edu](http://academy.cs.cmu.edu)) and will conduct a series of hands-on experiments with micro:bit microcontrollers ([microbit.org](http://microbit.org)) emphasizing relevant Internet of Things (IoT) applications. Students will learn the basic constructs of programming, including variables, constants, expressions, control structures, functions and arrays. Students will earn a Certificate of Completion from Carnegie Mellon upon successful completion of the course of study. No prior programming knowledge or experience required. This course is articulated with Delta College for 3 units upon successful completion of articulation requirements. Int. Math 1 recommended co-requisite.

Robotics CTE						575510		
BCHS, LHS	10-12	10	Successful Completion (C or better) of 575610 or 575310	Fine Art, Lang, CTE	D	N	Software Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway	

Students will work in teams to design, build, and program robots using the VEX V5 robotics platform ([vexrobotics.com](http://vexrobotics.com)). Students will learn the fundamentals of CAD & 3D printing, mechanical power transmission (leverage, gears, etc), and electronics (ohm's law, power, and DC motor curves). The final project will be to build a robot to compete in the annual VEX Robotics World Championship. Suggested Co-Requisite: Integrated Math 2 or equivalent; Prerequisite: Successful completion (C or better) of Computer Science 1 CTE or Web Animation CTE.

AP Computer Science Principles CTE							Course # TBD	
LHS	10-12	10	Successful Completion (C or better) of 575610	AP	Fine Art, Lang, CTE	*	N	Software Capstone
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Pathway

The AP Computer Science Principles CTE course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital to success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world. Prerequisite: Successful completion (C or better) of Computer Science 1 CTE.

Video Game Design CTE						Course # TBD		
THS	10-12	10	Successful Completion (C or better) of 575610	Fine Art, Lang, CTE	*	N	Software Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway	

The course introduces students to the entire process of how a video game is conceived, how it is put together, and how it is published using industry leading software. Students are introduced to the game design process (and principles associated with it), elements of game play, and the items needed for successful management of the game design project. Students are also introduced to Unity3D, a leading industry software, and the various tools that can be used in creating their games with this powerful game engine. Students will also be exposed to basic C# programming language needed in creating scripts and scenes. Students will build a variety of 3d objects and environments for their video games. This is a Capstone course in the Software and Systems Development Pathway. Prerequisite: Successful completion (C or better) of Computer Science 1 CTE.

# MARKETING, SALES, AND SERVICE



## Entrepreneurship/Self-Employment Pathway

Entrepreneurship CTE							590670	
LTA	11-12	20	Yes- see pg 23	None	Fine Art, Lang, CTE	G	N	Entrepreneur Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

The course leads students through the entrepreneurial process, culminating in a personal business plan for a small company start-up. Students learn about the characteristics of entrepreneurs, social responsibility, managing risks, idea generation, recognizing opportunities, market research, data-driven decision making, economic factors, supply and demand, consumer segments, competitive pricing strategies, retaining customers, distribution and inventory control, legal structures of business, expense management, financing & analysis, organizational management, recordkeeping and taxes, recruitment and training, franchising, and exit strategies.

# PUBLIC SERVICES



## Public Safety Pathway

Administration of Justice CTE							584771	
LTA	11-12	20	Yes- see pg 23	None	Fine Art, Lang, CTE		Y	Public Safety Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req		Repeatable	CTE Pathway

This course consists of an introduction to the components of the administration of justice: law enforcement, judicial system, and custodial system. The curriculum is based on two San Joaquin Delta College courses. In addition to the Delta courses, this course offers training based on the California Commission of Peace Officer Standards and Training (POST). Students will be exposed to such training as physical fitness, report writing, traffic investigations, baton use, defensive tactics, searching, firearms, and more.

## Emergency Response Pathway

Emergency Medical Response CTE							Course # TBD	
LTA	11-12	20	None		Fine Art, Lang, CTE	*	N	Emergency Capstone
Offered At	Grades	Credits	Pre/Co-Req		Grad Req	A-G	Repeatable	CTE Pathway

The course content and activities will prepare students to make appropriate decisions about the care to provide in a medical emergency. The course teaches the skills an EMR needs to act as a crucial link in the emergency medical services (EMS) system. This course will also be an in depth study of Emergency Medical Technicians (EMTs) and how they care for the sick or injured in emergency settings; people's lives often depend upon their quick reaction and competent care. California law requires all ambulance attendants to be trained and certified at the EMT level. Many fire departments also require firefighters to be EMT certified. EMTs are often used as the first dispatched medical providers within an Emergency Medical Services (EMS) system. Students will also earn Basic Life Support (BLS) Certification through the American Heart Association or American Red Cross.

Fire Science CTE							583370	
LTA	12	20	Yes- see pg 23	None	Fine Art, Lang, CTE	G	N	Emergency Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course gives students an opportunity to explore the many occupational fields related to fire science. Basic fire-fighting knowledge and skills are obtained through classroom and training-ground activities. Areas covered include, ladders, fire chemistry, hoses, rescue apparatus, first aid and testing procedures for job placement. Course is modeled after the FireFighter 1 curriculum.

# TRANSPORTATION



## Systems Diagnostics, Service, and Repair Pathway

Auto Mechanics CTE						565200	
BCHS, LHS, THS	9-11	10	Yes- see pg 23	None	Fine Art, Lang, CTE	N	Systems Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course gives students fundamental information and skills in the construction of the automobile and the operational needs of automobile maintenance. Students are introduced to major automotive components through practical application projects. Areas included are shop safety, names of, and appropriate use of power tools, fundamental principles, and construction of the internal combustion engine. Also covered are automobile chassis, suspension, brake, fuel, lubrication, electrical systems and emission controls.

Electric Vehicle (EV) Technology CTE						591070	
THS	10-12	10	Successful completion (C or better) of 565200		Fine Art, Lang, CTE	N	Systems Capstone
Offered At	Grades	Credits	Pre/Co-Req		Grad Req	Repeatable	CTE Pathway

This course will educate students about the design, construction and assembly of electric vehicles. The course describes sequential procedures for assembling a production Electric Vehicle (EV). The resulting vehicle will be a fully operational Electric Vehicle with direct current (DC) drive train. Prerequisite: Successful completion (C or better) of Auto Mechanics CTE.

Auto Mechanics, Advanced CTE						565280	
BCHS, THS, LHS	10-12	10	Yes- see pg 23	Successful completion (C or better) 565200	Fine Art, Lang, CTE	Y	Systems Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course builds on knowledge gained in introductory automotive class. This is an in-depth study of the automobile, covering specific aspects of maintenance and/or repair. This course is designed to further the student's knowledge of the automobile and to develop the necessary skills in the related automotive fields. The student puts into practice the technical knowledge learned in the intro class. Prerequisite: Successful Completion (C or better) of Auto Mechanics CTE.

## Operations Pathway

Auto Mechanics CTE						565200	
LHS	9-11	10	Yes- see pg 23		Fine Art, Lang, CTE	N	Operations Concentrator
Offered At	Grades	Credits	Articulated		Grad Req	Repeatable	CTE Pathway

This course gives students fundamental information and skills in the construction of the automobile and the operational needs of automobile maintenance. Students are introduced to major automotive components through practical application projects. Areas included are shop safety, names of, and appropriate use of power tools, fundamental principles, and construction of the internal combustion engine. Also covered are automobile chassis, suspension, brake, fuel, lubrication, electrical systems and emission controls.

Diesel Technology CTE						590570	
LHS	10-12	10	Yes- see pg 23	Successful completion (C or better) of 565200	Fine Art, Lang, CTE	N	Operations Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This class is designed to give technical information and develop skills in executing work on various diesel equipped vehicles and diesel equipment. Basic instruction will be given through practical work on diesel engines and related mock-ups in the preparation for employment in various heavy equipment, agricultural, and small diesel industries. Prerequisite: Successful completion (C or better) of Auto Mechanics CTE.



Auto Services CTE					565570	
LHS	10-12	20	Successful completion (C or better) of 565200	Fine Art, Lang, CTE	N	Operations Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This two-hour course trains in the adjustment and repair of autos, including suspension and brake systems, emission controls, engine diagnosis, tune-ups, air conditioning and engine rebuilding. Students train on the Allen computer and other diagnostic equipment. Prerequisite: Successful completion (C or better) of Auto Mechanics CTE.

# Agriculture



Agriculture & Soil Chemistry CTE CP						407310	
BCHS, LHS, THS	10-12	10	None	Physical Science, Fine Art, Lang, CTE	D	N	Agriscience Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program will be an in-depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. *Throughout the course, students will be graded on participation in intra-curricular FFA activities, as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. These requirements may vary by site.*

Agriculture Leadership					299410	
BCHS, LHS, THS	11-12; THS 10-12	10	None	Elective	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	

This course is to develop professional and personal leadership skills as they relate to the individual, agriculture, and the FFA. Students will be involved in growth through activities such as public speaking, team building, and organization of various FFA Activities. In addition, students will assist with the completion of FFA Award Applications, video production, and newsletters to enhance students' writing and computer skills. The curriculum will revolve around five central themes: Foundations, Attitude, Self-Image, Relationships, and Goal Setting. *Each student should participate in a minimum of 3 FFA sponsored activities per semester outside of class time.*

Agricultural Mechanics CTE						403000	
BCHS, LHS, THS	9-12	10	Yes – see page 23	None	Fine Art, Lang, CTE	N	Ag Mech Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course is an introduction to the area of agricultural mechanics including basic drawing, woodworking, metal working, welding, small engines and farm power. Emphasis is placed on the safe and proper use of power tools, and the proper care, sharpening and use of hand tools. Project work is part of the course.

Agricultural Welding CTE						404672	
BCHS, LHS, THS	10-12	10	Yes – see page 23	Successful completion (C or better) of 403000	Fine Art, Lang, CTE	N	Ag Mech Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

An advanced class designed to prepare students for entry level positions utilizing various welding processes, Oxyacetylene, Electrode, MIG and TIG. Curriculum includes: measurement and layout, project design and fabrication, machine ID and maintenance. Other tools incorporated into the class; plasma cutter, oxyacetylene cutting, metal shear, grinder, and metal band saw. Students will design and fabricate their own projects. Prerequisite: Successful completion (C or better) of Ag Mechanics CTE.

Agricultural Mechanics, Advanced CTE						403080
BCHS, LHS, THS	11-12; THS only 10-12	10	Successful completion (C or better) of 40300	Fine Art, Lang, CTE	Y	Ag Mech Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course includes Arc and acetylene gas welding, including theory and practical welding, oxy-acetylene cutting and metal preparation, and farm and power equipment maintenance. There is also a review of the safe operation of hand and power tools. The class provides advanced instruction in the repair and maintenance of machinery. A second year of this class will prepare students to construct large pieces of machinery. Personalized individual projects are a major component of the course. Prerequisite: Successful completion (C or better) of Agricultural Mechanics CTE.

Agriculture Woodshop CTE						407110
BCHS, THS	9-12	10	None	Fine Art, Lang, CTE	N	Forestry Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

Ag Woodshop will center on the hands-on application of woodworking skills, tool identification, material selection, project layout and construction. The course covers basic hand tool and machine operations in the wood/carpentry shop. Shop and machine safety are prioritized. Students will learn the operation of radial arm saws, jointer, table saw, band saw, jigsaw, drill press, sanders, lathe, hand tools, & portable power tools. There are projects related to construction, joints, assembly, gluing, clamping, and finish, as well as design & construction of student's own project(s).

Agriculture Woodshop 2 CTE						407741
BCHS, THS	10-12	10	Successful completion (C or better) of 407110	Fine Art, Lang, CTE	Y	Forestry Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

Agriculture Woodshop Advanced will be a second year course for students interested in woodworking. Students will use the skills developed in Agriculture Woodshop to further master woodworking practices and apply them to large projects. Students will continue to learn construction practices & project fabrication and design. Prerequisite: Successful completion (C or better) of Ag Woodshop CTE.

Agriscience Systems Management CTE H							407412	
LHS	11-12	10	None	H	Life Science, Fine Art, Lang, CTE	D	N	Sust Ag Capstone
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	CTE Pathway

This integrated class combines an interdisciplinary approach to lab science and research with agricultural management principles. Using skills and principles learned, students design systems and experiments to solve agricultural management issues facing the industry. Also, students will connect the products created in class with industry activities to link real world encounters and implement skills demanded by colleges and careers. The course culminates with an agriscience research project in which students design and conduct an experiment to solve a relevant issue.

Animal Science CTE						402510
BCHS	11-12	10	None	Life Science, Fine Art, Lang, CTE	N	Animal Sci Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course will provide the students with principles in Animal Science along with Anatomy and Physiology focusing on the area of mammalian production, anatomy, physiology, reproduction, nutrition, respiration, and genetics. This course is intended to successfully prepare students for entry level employment after high school, as well as those students who plan on majoring in Agriculture Sciences at a post-secondary institution.

Art & History of Floral Design CTE CP							405575	
BCHS, LHS, THS	10-12	10	Yes – see page 23	None	Fine Art, Lang, CTE	F	N	Floral Design Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course acquaints students with theories and principles of artistic design and the influence of floral artistry. The course emphasizes the necessary knowledge and skills to provide the student with a perceptual base leading to students understanding artistic perception, creative expression, historical and cultural context(s); aesthetic valuing and connections, relations and application of visual arts. Through practical skill development the student will become familiar with materials, tools, design mechanics, maintenance and design evaluation. Students will achieve this through creating, designing, identifying, explaining and evaluating topics of study.

Advanced Floral Design CTE CP							405710	
BCHS, LHS, THS	11-12	10	Yes - see page 23	Successful completion (C or better) of 405575	Fine Art, Lang, CTE	G	Y	Floral Design Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course will build upon the prerequisite course. Advanced Floral Design will increase the focus on the art of design, handling of cut flowers, the mechanics of floral design, and the effects of retail in the floral industry. Students will learn about building and designing displays, advertising, marketing, pricing and sales. Students will also develop floral design skills for use in industries such as wedding, sympathy, and event floral work. Prerequisite: Successful completion (C or better) of Art & History of Floral Design.

Environmental and Spatial Technology CTE (EAST)						409872	
LHS	11-12	10	None	Fine Art, Lang, CTE	Y	Ag Business Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

EAST Lab is a course in which students will use computers to engage in a project-based approach to problem solving. After learning how to use the needed tools and appreciating capabilities, students will work independently and in teams to solve real world problems. Such problems may involve students in one or more of the following areas: office automation, computer-aided design, 3-D modeling, engineering design, surveying and mapping (including working with global positioning systems), geographic information systems, Visual Basic programming, database applications, web page design, digital photo/video editing, and visualization applications.

Horticulture					405410	
LibHS, PRHS	9-12	10	None	Life Science, Fine Art, Lang, CTE	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	

This course is the study of propagation, growth and care of plants used for landscaping, indoor use and the floriculture industry. The class covers materials in plant science including: cells and functions of the cell, tissues, plant physiology, sexual and asexual reproduction, nutrition, genetics, disease/control and cures, moisture management, plant dichotomy and classification. Safety and the use of common agriculture equipment and chemicals are also covered. Class time is spent in the greenhouse and areas to be landscaped.

Intro to Applied Agriculture Science CTE CP						407610	
BCHS, LHS, THS	9-12	10	None	Physical Science, Fine Art, Lang, CTE	D	N	Agriscience Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course has been designed as an introduction to Applied Science. The course will include a basic study of Plant Science, Animal Science, and Earth and Environmental Sciences. This course will focus on the functions, interactions and the importance of plants, animals, and the earth's processes and natural resources. The course includes instruction in the scientific method, laboratory techniques and practices, and employability skills required of technicians in the fields of science and agriculture.

Ornamental Horticulture / Landscape CTE						405472	
BCHS, LHS, THS	11-12; THS only 10-12	10	Yes – see page 23	None	Life Science, Fine Art, Lang, CTE	N	OH Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course is the study of propagation, growth and care of plants used for landscaping, indoor use and the floriculture industry. The class covers materials in plant science including: cells and functions of the cell, tissues, plant physiology, sexual and asexual reproduction, nutrition, genetics, disease/control and cures, moisture management, plant dichotomy and classification. Safety and the use of common agriculture equipment and chemicals are also covered. Class time is spent in the greenhouse and areas to be landscaped. Membership in the FFA club is encouraged and participation in FFA activities is an integral part of the curriculum. This course may be used to fulfill 10 credits of the life science graduation requirement.

Sustainable Agriculture Biology CTE CP						407210	
BCHS, LHS, THS	9-10	10	None	Life Science, Fine Art, Lang, CTE	D	N	Sust Ag Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Sustainable Agriculture is a course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major sections, each with a guiding question. Within each unit specific life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge, culminating in the development of a sustainable farm model and portfolio of supporting student research.



# AVID and Academic Success



AVID 9						215600
BCHS, LHS, MHS, MCHS, THS	9	10	None	9th Grade Pathway	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

AVID elective courses at all grade levels are designed to prepare students, in an academic context, for entrance into four year colleges, with emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, oral language development, note taking, and research. The AVID course features tutors and college students, who lead discussions and analysis of the academic subjects in which the students are enrolled. Recommended Pathway: Students are identified for participation in this course.

AVID 10						215700
BCHS, LHS, MHS, MCHS, THS	10	10	None	Elective	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

AVID elective courses at all grade levels are designed to prepare students in an academic context, for entrance into four year colleges, with emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, oral language development, note taking, and research. The AVID course features tutors and college students, who lead discussions and analysis of the academic subjects in which the students are enrolled. Students continue to refine their skills in academic strategies for success, writing, inquiry, collaboration, and college/career research. Recommended pathway: 9th grade AVID.

AVID 11						215800
BCHS, LHS, MHS, MCHS, THS	11	10	None	Elective	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

AVID elective courses at all grade levels are designed to prepare students, in an academic context, for entrance into four year colleges, with emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, oral language development, note-taking, and research. The AVID course features tutors, college students, who lead discussions and analysis of the academic subjects in which the students are enrolled. Students continue to refine their skills in academic strategies for success, writing, inquiry, collaboration, and college/career research. Recommended pathway: 10th grade AVID.

AVID 12						215900
BCHS, LHS, MHS, MCHS, THS	12	10	None	Elective	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

AVID elective courses at all grade levels are designed to prepare students in an academic context, for entrance into four year colleges, with emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, oral language development, note taking, and research. The AVID course features tutors, college students, who lead discussions and analysis of the academic subjects in which the students are enrolled. Students continue to refine their skills in academic strategies for success, writing, inquiry, collaboration, and college/career research. Recommended pathway: 11th grade AVID.

# Business



Business Occupations Certification CTE						461572	
LibHS	11-12	10	Yes- see pg 23	None	Fine Art, Lang, CTE	N	Bus Mgmt Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course develops keyboarding skills and teaches the essentials of Microsoft Office Suite (Word, Excel, Powerpoint, Access). This course can lead to Microsoft Office certification (Microsoft Office Specialist-MOS). Microsoft Office Certification is an industry-recognized certification that prepares students for college and the workforce. Microsoft Office Specialist certification can help prepare students for college and with employment as many employers are looking for people with experience in Microsoft Office.

Entrepreneurship CTE							590670	
LTA	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	G	N	Entrepreneur Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

The course leads students through the entrepreneurial process, culminating in a personal business plan for a small company start-up. Students learn about the characteristics of entrepreneurs, social responsibility, managing risks, idea generation, recognizing opportunities, market research, data-driven decision making, economic factors, supply and demand, consumer segments, competitive pricing strategies, retaining customers, distribution and inventory control, legal structures of business, expense management, financing & analysis, organizational management, recordkeeping and taxes, recruitment and training, franchising, and exit strategies.

Introduction to Business CTE						465000	
BCHS	9-12	10	None	Math, Fine Art, Lang, CTE	N	Bus Mgmt Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This is a foundational course for developing a broad perspective of business functions, purpose and structure. Students will acquire a basic vocabulary of business terms and will study in the following areas: Economics, free enterprise, career exploration, economic risk and insurance, savings and investments, banking services, checking accounts, personal money management, credit, the stock market, consumer rights and responsibilities. Students will apply practical and business mathematical skills – arithmetic application, situational word problems, creating and interpreting graphs/tables/charts, record keeping, finance, economics, and more.

Virtual Enterprise, Business Management & Personal Finance CTE						412370	
LTA	11-12	20	None	Fine Art, Lang, CTE	N	Bus Mgmt Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Guided by a task-based curriculum rather than a textbook, students produce the key deliverables that are required in a real business. Students conduct market research, work cooperatively to develop and write a business plan, design and implement an e-commerce website, recruit and market to clients/customers, and pay wages and taxes. Firms engage in international trade with other Virtual Enterprise firms on a continuous basis, participating in a global economy of over 7,500 firms across 42 countries. The transfer of funds is made electronically through a web-based banking system that links firms worldwide. The simulation environment encourages risk-taking and continuous cycles of improvement and innovation. This simulation enables students to understand how employees, workgroup teams, and departments interact with each other and work together to meet the goals of the company while at the same time conveying the expectations of the workplace and developing an entrepreneurial mindset. Students will also be paid a virtual paycheck and have to manage household expenses, learning the fundamentals of personal finance.

# Computer Science



AP Computer Science A						248416
MHS, THS	11-12	10	AP	Math Elective	C	N
Offered At	Grades	Credits	AP/H	Grad Req	A-G	Repeatable

The AP Computer Science A course is an introductory course in college-level computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course. This AP course uses the JAVA programming language, currently the top programming language worldwide.

AP Computer Science Principles CTE							Course # TBD	
LHS	10-12	10	Successful Completion (C or better) of 575610	AP	Fine Art, Lang, CTE	*	N	Software Capstone
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Pathway

The AP Computer Science Principles CTE course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital to success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world. Prerequisite: Successful completion (C or better) of Computer Science 1 CTE.

Computer Repairing CTE						555870	
LTA	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	N	Info Support Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This competency based course provides students with instruction and practice in troubleshooting, installing, and integration of computer systems. The following will be covered: wiring and networking of multimedia and telecommunications, home security system, AC wiring, lighting, low voltage structured networking. All Smart technology networked to one unit throughout residence or business using home, technology programming software and hardware. Students may have the opportunity for job site training in the Lodi or Stockton area.

Computer Science 1 CTE							575610	
BCHS, LHS, THS	9-11	10	Yes- see pg 23	Suggested Corequisite 240610	Fine Art, Lang, CTE	G	N	Software Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Students will learn to program classic video games (pong, pac-man, tetris, etc) utilizing Carnegie Mellon University's CS Academy curriculum ([academy.cs.cmu.edu](http://academy.cs.cmu.edu)) and will conduct a series of hands-on experiments with micro:bit microcontrollers ([microbit.org](http://microbit.org)) emphasizing relevant Internet of Things (IoT) applications. Students will learn the basic constructs of programming, including variables, constants, expressions, control structures, functions and arrays. Students will earn a Certificate of Completion from Carnegie Mellon upon successful completion of the course of study. No prior programming knowledge or experience required. Int. Math 1 Co-Requisite suggested.

Cybersecurity CTE						Course # TBD	
LTA	11-12	20	None	Fine Art, Lang, CTE	N	Networking Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Cybersecurity covers foundational knowledge and essential skills in all security domains in the cyber world-information security, systems security, network security, mobile security, physical security, ethics and laws, related technologies, defense, and mitigation techniques used in protecting businesses. This course is essential for students who want to prepare for the Cybersecurity Pathway certification tests for: Cisco Certified Network Associate (CCNA) Certification, Cisco Cybersecurity Operations Fundamentals (CBROPS) Certification, Certificate of Cloud Security Knowledge Certification.

Introduction to Programming					268110	
MHS	9-12	10	Elective		N	
Offered At	Grades	Credits	Grad Req		Repeatable	

This is an introductory course in computer programming/software engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. The teacher will introduce concepts and problems solving skills to beginning students through a programming language Simple Basic. The second half of the year reviews and builds on the concepts introduced in the first semester. This semester introduces students to more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs through fun interactive and non-violent game/industry programming.

Intermediate Programming					268210	
MHS	10-12	10	Elective		Y	
Offered At	Grades	Credits	Grad Req		Repeatable	

The goal of this course is to open your mind to computational thinking, educate students to leverage programs as tools, and empower them with a knowledge of programming. Students will learn C++ using industry standard software (Visual Studio), and an animated interactive textbook. Students learn how to apply programming to solve various challenges in science, math, and business.

Inventing Smart Objects CTE						592070	
MHS	9-12	10	None	Fine Art, Lang, CTE	G	N	Software Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This yearlong class will introduce how to connect code with microprocessors (like the Raspberry Pi) to solve problems and create unique interactive experiences. Smart objects are all around us, and with inventions like Alexa and Google Home they are becoming central to our everyday lives. In this class, students will learn how to connect sensors and other inputs to the Internet to solve problems. Want to talk to your pet from the Internet? Want to create a laser tripwire to detect motion in your room? Want to know when it's time to water your plants? The problems you design for are up to you. This is a hands-on lab class where students will code, design and invent in pairs. Along the way, you will learn how to code in Python, the basics of circuits and electronics and an introduction to web design.

Make an App for That! CTE						575410	
MHS	10-12	10	Successful completion (C or better) of 592070	Fine Art, Lang, CTE	N	Software Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Have a mobile app idea that you want to create? This class teaches you what you need to get going in web and mobile design. You will learn the fundamentals of JavaScript and web technologies to build cross platform mobile applications. By the end of this class, you will be testing your designs on your own devices – watching your ideas come to life. Prerequisite: Successful completion (C or better) of Inventing Smart Objects CTE. It is suggested that Web Animation & Interaction is taken before this course.

Robotics CTE						575510	
BCHS, LHS	10-12	10	Successful completion (C or better) of 575610 or 575310	Fine Art, Lang, CTE	D	N	Software Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Students will work in teams to design, build, and program robots using the VEX V5 robotics platform ([vexrobotics.com](http://vexrobotics.com)). Students will learn the fundamentals of CAD & 3D printing, mechanical power transmission (leverage, gears, etc), and electronics (ohm's law, power, and DC motor curves). The final project will be to build a robot to compete in the annual VEX Robotics World Championship. Suggested Co-Requisite: Integrated Math 2 or equivalent. Prerequisite: Successful completion (C or better) of Computer Science 1 CTE or Web Animation CTE.

Video Game Design CTE						Course # TBD	
THS	10-12	10	Successful Completion (C or better) of 575610	Fine Art, Lang, CTE	*	N	Software Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

The course introduces students to the entire process of how a video game is conceived, how it is put together, and how it is published using industry leading software. Students are introduced to the game design process (and principles associated with it), elements of game play, and the items needed for successful management of the game design project. Students are also introduced to Unity3D, a leading industry software, and the various tools that can be used in creating their games with this powerful game engine. Students will also be exposed to basic C# programming language needed in creating scripts and scenes. Students will build a variety of 3d objects and environments for their video games. This is a Capstone course in the Software and Systems Development Pathway. Prerequisite: Successful completion (C or better) of Computer Science 1 CTE.

Web Animation & Interaction CTE						575310	
MHS	10-12	10	Successful completion (C or better) of 592070	Fine Art, Lang, CTE		N	Software Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable	CTE Pathway

Interested in web design, interactivity, and animation? In this class, you will learn how to code websites and the fundamentals of JavaScript, unlocking the ability to create animations for the web, using HTML, CSS & JavaScript. This class teaches you what you need to get going in the web design field including User Interface Design, responsive web design, and interactive animations for the web. Prerequisite: Successful completion (C or better) of Inventing Smart Objects CTE.



# English



English 9					210100
BCHS, LHS, MHS, THS	9	10	None	English	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

English 9 is the first of four core high school English courses. The course's curriculum focus is on reading, writing, written and oral language conventions, listening and speaking. **This course meets District graduation requirements, but not UC/CSU a-g requirements.**

English 9 CP						210110
BCHS, LibHS, LHS, MCHS, MHS, PRHS, THS	9	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

English 9 CP is the first of four core high school English courses. The course's main curriculum focus is on reading, writing, written and oral language conventions, listening and speaking.

English 9 Honors							210112
BCHS, LHS, MHS, THS	9	10	None	H	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

The English 9 Honors course is an accelerated version of the freshmen English curriculum. The course's main curriculum focus is on reading, writing, written and oral language conventions, and listening and speaking. For recommended pathways, interested students should contact each individual high school for specifics.

English 10					210200
BCHS, LHS, MHS, THS	10	10	None	English	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

The English 10 course is the second of four high school English courses. The course's main curriculum focus is on reading, writing, written and oral language conventions, and listening and speaking. **This course meets the District graduation requirements, but not the UC/CSU a-g entrance requirements.**

English 10 CP						210210
BCHS, LibHS, LHS, MCHS, MHS, PRHS, THS	10	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

The English 10 CP course is the second of four high school English courses. The course's main curriculum focus is on reading, writing, written and oral language conventions, and listening and speaking.

English 10 Honors							210212
BCHS, LHS, MHS, THS	10	10	None	H	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

The English 10 Honors course is an accelerated version of the sophomore English curriculum. The course's main curriculum focus is on reading, writing, written and oral language conventions, and listening and speaking. For recommended pathways, interested students should contact each individual high school for specifics.

English 11					210500
BCHS, LHS, MHS, THS	11	10	None	English	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

The course emphasis is on junior core works of American lit. Speech & research skills are addressed as well as reading of various types: short stories, short fiction, poetry, & novels. Writing and communication skills are literature based. Students develop an understanding of (and appreciation for) American lit. **This course meets District grad requirements, but not UC/CSU a-g requirements.**

English 11 CP						210510
BCHS, LibHS, LHS, MCHS, MHS, PRHS, THS	11	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

The course emphasis is on junior core works of American lit. Speech & research skills are addressed as well as reading of various types: short stories, short fiction, poetry, & novels. Writing and communication skills are literature based. Students develop an understanding of (and appreciation for) American literature.

Expository Reading and Writing 11 CP						217710
BCHS, LHS, MHS	11	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

The grade 11 Expository Reading and Writing Course (ERWC) engages students in the discovery of who they are as persons, the realization of the ways in which they can participate in society, and their development as critical consumers and effective communicators within society. Teachers and schools build and personalize the yearlong course by selecting from approximately 35 modules (instructional units) to meet rigorous, college preparatory learning goals in reading, writing, listening, and speaking for all students while promoting student interest and motivation. Employing a rhetorical, inquiry-based approach that fosters critical thinking, student agency, and metacognition.

AP English Language & Composition							217016
BCHS, LHS, MHS, THS	11	10	None	AP	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This AP course in English language and composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of forms - narrative, exploratory, expository, argumentative—and on a variety of subjects from personal experience to public policy, from imaginative literature to popular culture. The course requires expository, analytical, and argumentative writing assignments. As in the college course for which the AP Language and Composition course substitutes, its purpose is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with readers. Students are strongly encouraged to take the AP exam. Summer reading and accompanying assignments are required. **Recommended pathway: Complete honors process**

Dynamic Literacy of Patient Care CP						218542
MHS	11	10	Enrollment in Health Careers Academy	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This is a course integrating English content with a focus on Health Science and Medical Technology – Patient Care specifically. The course is designed to help students develop an understanding of 11th grade English through rich connections to Health Science that will generate interest in English and increase student success. The course allows students to make connections between English learning and content structures as they apply to a career in patient care. This course is for Health Careers Academy Students ONLY.

Ethnic Literature and Studies CP						218110
BCHS, LHS, MHS, PRHS, THS	11-12	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course will further develop students' analytical and critical thinking, reading, and writing skills, as well as speaking skills, through a critical analysis of a wide variety of historical and contemporary issues of race, ethnicity, and identity in fiction and nonfiction texts. This course examines the history, culture, identities, and experiences of African Americans, Asian Americans, Latinx, Native Americans, and other racialized people and minority groups in the United States from the 19<sup>th</sup> century to present. Rooted in critical social justice, this course aims to educate students to be socially and politically conscious at the micro and macro levels.

English 12						210800
BCHS, LHS, MHS, THS	12	10	None	English		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable

Students study representative works of world literature to broaden their global and cultural perspectives. This course prepares students for college level reading and writing. It is a literature-based course which will emphasize higher order thinking skills, intensive narrative, expository and analytical writing. **This course meets District grad requirements, but not UC/CSU a-g requirements.**

English 12 CP						210810
BCHS, LibHS, LHS, MCHS, MHS, PRHS, THS	12	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

Students study works of world literature to broaden their global & cultural perspectives. This course prepares students for college level reading & writing. It is a literature-based course which emphasizes higher order thinking skills, intensive narrative, expository & analytical writing.

CSU Expository Reading & Writing CP						217410
BCHS, LHS, MHS	12	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

The goal of the Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical and argumentative reading and writing.

AP English Literature & Composition							217116
BCHS, LHS, MHS, THS	12	10	None	AP	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This course is designed to prepare college bound seniors for the English Literature 12, AP test. The class will be based on the study of literature with extensive assignments in critical reading, preparing them for college-level critical reading and literary analysis. Students write intensively, primarily critical, analytical essays related to the literature they are studying. They write frequently in class, sharpening their abilities to respond to the kinds of essay questions they will face on the AP exam and as college students in timed writing situations. Note: This course is designed for the highly motivated student who is responsible enough to handle rigorous reading and writing assignments, and to complete summer reading and/or between sessions reading as well. Students are strongly encouraged to take the AP exam. **Recommended pathway: Complete honors process.**

Shakespeare in Performance and on Film CP						217610
BCHS, THS	12; THS 11-12	10	None	English	B	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course offers a study of Shakespeare for the student who enjoys reading and watching a variety of the Bard's comedies and tragedies. Students will study various directors' interpretations of plays as well. Students will also examine how production differs from production of film. We will learn how actors and directors engage in rehearsal and discover subtexts, especially as it is given through the complexity of Shakespeare's language, prose, and verse. Students will read critical essays on plays and play production, will perform group scenes from their favorite plays, and select and perform a great Shakespearean monologue. This course is especially recommended for students who are interested in the areas of performance, film, theater, or literature.

Communications in the Workplace					218100
BCHS, LHS, MHS, THS	11-12	10	None	English	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students refine written and oral communication skills--grammar, punctuation, sentence structure, writing strategies, etc.--while developing industry-based skills in context through the composition of business letters, memorandums, reports, and technical writing. This course may be used to fulfill 10 credits of the English graduation requirement.

Creative Writing CP						215010
BCHS, PRHS, THS	11-12; THS 12	10	None	English	B	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This is a writing course with an emphasis on the exploration of writing techniques used by great writers, past and present. Poetry and fiction writing as well as creative non-fiction writing form the basis of instruction.

Literature on Film CP					218010
LibHS, PRHS	9-12	None	English	B	N
Offered At	Grades	Pre/Co-Req	Grad Req	A-G	Repeatable

This course focuses on analytically critiquing a variety of media, both written versions of literature selections and the film versions. The course examines original artists' works and compares them to the complex interpretations of many artists working together. A wide variety of literature from short stories to novels will be read and the film adaptations viewed. Students will critique, orally and in writing, the relative strengths and weaknesses of each.

Competitive Speech CP						212210
BCHS, LHS	9-12	15	None	Elective	G	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

Speech and Debate students work on researching the annual debate topic and organizing research to be used in competition. Students are expected to work daily in class and must compete in a majority of the tournaments scheduled. Tournament speech deals with individual competitive units. Students excelling in certain events have the opportunity to compete in statewide and possibly nationwide tournaments. League competition meets on Saturdays and usually occurs every three weeks.

Journalism CP							211110
BCHS, LHS, MHS, THS	9-12; LHS 10-12	10	LHS Prerequisite: Application/ teacher approval	Elective	G		Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This writing course gives students practice in all types of newspaper writing. Students learn editing, style, headline and lead writing, interviewing, and editorial writing, as well as advertising, photography, finance, and the production of an actual newspaper. LHS Prerequisite: Application/teacher approval.

Journalism Advanced Yearbook CP						282115
BCHS, LHS, MHS, THS	10-12	10	Prerequisite: Application / teacher approval	Elective	G	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course is designed to produce the school yearbook. Students will be responsible for the conception, design, and production of the yearbook. Students learn to function effectively in deadline situations where everyone plays a key role. Graphic design, copy and caption writing, basic photography, as well as sales/advertising techniques are taught. Prerequisite: Application/teacher approval.

Journalism Advanced Newspaper CP						215515
BCHS	10-12	10	See below	Elective	G	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course is designed to produce the student newspaper. Students are responsible for developing and publishing of the paper. Duties will include: interviewing, reporting, writing features, sports, editorials, editing, advertising, and business procedures. Applications for editor positions are open to those who have previously worked on the school newspaper or who have completed Journalism CP.

Intensive Reading Intervention, Year One (Read 180)					211000	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	English	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	

This is the first period of a two-period course for students who are two or more years below grade level in reading achievement and whose academic achievement is two or more years below grade level. **This course meets District grad requirements, but not UC/CSU a-g requirements.**

Intensive Reading Intervention, Year Two (Read 180)					211100	
BCHS, LibHS, LHS, MHS, PRHS, THS	10-12; MHS, THS 9-12	10	None	English	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	

This is the second year of a two year stand alone, intensive and accelerated reading/language arts program. This is the first period of a two period course for students who have successfully completed year one. **This course meets District grad requirements, but not UC/CSU a-g requirements.**



# Designated English Language Development



Designated English Language Development 1*				Course # TBD	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Elective	Y
Offered at	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course is designed for newcomer/emerging EL students who will be given one period a day of English language development. Students will be taught the California reading, writing, listening, and speaking standards for emerging students. They will engage in collaborative, interpretive, and productive activities. They will learn to use English for immediate needs as well as begin to understand and use academic vocabulary and other features of academic language. Ongoing assessments will show the progress they are making towards the California reading, writing, listening, and speaking standards.

Designated English Language Development 2*				Course # TBD	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Elective	Y
Offered at	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course will be given to low-expanding EL students for one period a day. At this level, students are challenged to increase their English skills in more contexts and learn a greater variety of vocabulary and linguistic structures, applying their growing language skills in more sophisticated ways that are appropriate for their level. They will engage in collaborative, interpretive, and productive activities. Ongoing assessments will show the progress they are making towards the California reading, writing, listening, and speaking standards.

Designated English Language Development 3*				Course # TBD	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Elective	Y
Offered at	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course will be given to mid-expanding to low bridging EL students for one period a day. At this level, students are challenged to increase their English skills in more contexts and learn a greater variety of vocabulary and linguistic structures, applying their growing language skills in more sophisticated ways that are appropriate for their level. They will engage in collaborative, interpretive, and productive activities. Ongoing assessments will show the progress they are making towards the California reading, writing, listening, and speaking standards.

Designated English Language Development 4*				Course # TBD	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Elective	Y
Offered at	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course will be given to bridging EL students for one period a day. This course is designed to help bridging students learn and apply a range of high-level English language skills in a wide variety of contexts, including comprehension and production of highly technical texts. They will have full engagement in grade-level academic tasks and activities. Students will participate in grade level tasks in all content areas with varying degrees of scaffolding in order to develop both content and knowledge in English. They will engage in collaborative, interpretive, and productive activities. Ongoing assessments will show the progress they are making towards the California reading, writing, listening, and speaking standards.

\*Course pending Board approval

# Family and Consumer Education



Careers with Children CTE							440070
LTA	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	N	Child Dev Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course prepares students to become child care workers in a variety of settings. Students will be placed at community sites working with young children for related hands-on instruction. Students completing this program have an opportunity to work in preschools, daycares, elementary schools, schools for exceptional children, and other types of child care centers. Students receive instruction in child development stages, current learning theories, health & safety issues, positive guidance, discipline techniques, & job preparation skills. **Requirements:** Negative TB skin test or chest x-ray, as well as any vaccinations required by community classroom site, are required before students can be placed at a community classroom site.

Careers in Education CTE							440170
LTA	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	G	Education Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	CTE Pathway

This is an academically focused course designed to introduce interested college prep students to the theory behind learning and teaching. Students will study the history of education in the United States, sociological factors influencing educational systems, the psychology behind learning and teaching, curriculum design and educational standards. This course requires students to produce written reports, oral presentations and group projects focusing on education and various academic content areas. This course explores the philosophical, social, and historical roots of education in America, as well as current issues and challenges. An introduction to educational theories and research-based projects is provided. Students learn the professional norms, skills, and competencies related to careers in education. This course also introduces students to the concepts and issues related to diverse learners in today's contemporary schools.

Child Development CTE CP – C <sub>3</sub> O <sub>2</sub>							435143
THS	10	10	Enrollment in C <sub>3</sub> O <sub>2</sub> Academy	Fine Art, Lang, CTE	G	N	Child Dev Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This class is the introductory class for the Child-Centered Careers and Occupational Opportunities (C<sub>3</sub>O<sub>2</sub>) Academy. The focus of this course is to introduce basic child development psychology and theory to the students through an integrated curriculum. During the year, students will explore the five areas of development, parenting practices, discipline styles, careers in child development and major theorists and their studies. This course is not open to the general student body, as it is integrated with other specific classes that make up the Academy pathway. To enroll in this class, a student must first apply and be accepted to the C<sub>3</sub>O<sub>2</sub> Academy.

Consumer Foods & Nutrition CTE					436100	
BCHS, LHS, MHS, THS	10-11	10	None	Fine Art, Lang, CTE	N	Food Service Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course is designed to present the fundamentals of food preparation and the importance of meal management. Other skills taught include use and care of equipment and appliances, safety in the kitchen, food sanitation, kitchen organization, food buying and preservation, use of consumer resources and agencies, and the relationship of nutrition and fitness to good health. Students may also explore careers in the food industry.

Consumer Foods & Nutrition, Advanced CTE						436180	
BCHS, LHS, MHS, THS	11-12	Successful completion (C or better) of 436100		Fine Art, Lang, CTE		N	Food Service Capstone
Offered At	Grades	Pre/Co-Req		Grad Req		Repeatable	CTE Pathway

This course is an extension of Consumer Foods and Nutrition. It is designed for the student who would like to attain advanced skills in cooking experiences, food nutrition and preparation, meal planning, appliances, food service, and foods related career exploration. Students need to be available for projects specific to individual school sites. Prerequisite: Successful completion (C or better) of Consumer Foods & Nutrition CTE.

Culinary Arts CTE						442070	
MHS	11-12	20	Successful completion (C or better) of 436100	Fine Art, Lang, CTE	G	N	Food Service Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This advanced foods course prepares students in food production, preparation, customer service and teamwork skills for the job market or transition to post-secondary education programs at the community college, private, technical or trade school, and/or a four year college or university. Instruction includes planning, selecting, storing, purchasing, preparing, testing, serving and selling of quality food products. Additional study areas include nutritive values, safety and sanitation, use and care of commercial equipment, management of food establishments, cost and profitability analysis. Students develop and demonstrate competencies while operating the on-site restaurant, Eagle Café. Prerequisite: Successful completion (C or better) of Consumer Foods & Nutrition CTE.

Developmental Child Psychology CTE CP – C <sub>3</sub> O <sub>2</sub>							432143	
THS	11	10	Yes – see page 23	Enrollment in C <sub>3</sub> O <sub>2</sub> Academy	Fine Art, Lang, CTE	G	N	Child Dev Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This class is the second career-technical class for the Child-Centered Careers and Occupational Opportunities (C<sub>3</sub>O<sub>2</sub>) Academy. During the year, the students study major physical, cognitive, and social-emotional developmental stages of children from conception through adolescence. The principle theories of development, the impact of families, school and culture as well as atypical development are also addressed. This course is relevant for students interested in a career working with children. Students will also explore these careers while working with an adult mentor who has a similar career. This course incorporates FCCLA standards. To enroll in this class, a student must first apply and be accepted to the C<sub>3</sub>O<sub>2</sub> Academy.

Developmental Child Psychology CTE CP – APPLE							432110	
LHS	10	10	Yes – see page 23	Enrollment in APPLE Academy	Fine Art, Lang, CTE	G	N	Education Introduction
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

As part of a Child Development Pathway, this course is the first career-technical class for the APPLE Academy. During the year, the students study major physical, cognitive, and social-emotional developmental stages of children from conception through adolescence. The principle theories of development, the impact of families, school and culture as well as atypical development are also addressed. This course is relevant for students interested in a career working with children. Students will also explore these careers while working with an adult mentor who has a similar career. This course is aligned with CTE Standards in the Education, Child Development, and Family Services Industry Sector; incorporates FCCLA standards.

Explorations in Education CTE CP – APPLE						435440	
LHS	11	10	Enrollment in APPLE Academy	Fine Art, Lang, CTE	G	N	Education Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course is the second year technical core class in the APPLE Academy. Students explore foundations of education, learning style and curriculum development. Students are matched with an adult mentor and are expected to complete assignments related to education. Students visit classrooms, observe teachers and students, organize, plan and implement Lodi High School's Play School.

Family Living CTE						435500	
MHS	9	5	None	9 <sup>th</sup> Grade Pathway	N	Fam/Hum Ser Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE PathwayE	

This course is designed to assist students as they transition from middle school to high school, supporting academic success. Some of the important topics included are: study skills (organization, goal setting, decision making), career exploration, family life (human reproduction system, stages of pregnancy, abstinence), and character education (respect, responsibility, honesty, communication).

Family Living						275710	
LibHS	11-12	10	None	9th Grade Pathway	N		
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable		

This course is designed to give students a general overview of the fundamentals in maintaining a healthy lifestyle. Some of the important topics include: family dynamics, communication styles, conflict resolution, comparison of healthy and unhealthy relationships, human reproduction, stages of pregnancy, raising children and childhood diseases.

Fashion & Design CTE							441100	
BCHS, LHS, MHS, THS	10-11	10	Yes – see page 23	None	Fine Art, Lang, CTE	F	N	Fashion Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This is a yearlong course which introduces students to design and construction skills necessary to create garments. Units of study will include clothing selection and care, basic textiles, use and care of equipment and machines, construction of basic sewing techniques and projects. Careers, history and designers of fashion will be explored. Students will participate in hands-on activities and projects.

Fashion & Design, Advanced CTE							441180	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 441100	Fine Art, Lang, CTE	Y	Fashion Capstone		
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway		

Advanced Fashion and Design is a yearlong course which will assist students in their clothing choices to enhance their self-image. Students will implement and improve upon their basic sewing skills to construct several projects. Units of study will include apparel selection, elements and principles of design, textiles and advanced sewing techniques and projects. Careers in the clothing and textile industry will be explored. Prerequisite: Successful completion (C or better) of Fashion & Design CTE.

Human Relations and Parenting CTE						432300	
MHS	11-12	10	None	Fine Art, Lang, CTE	N	Fam/Hum Ser Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

The course concentrates on the roles/responsibilities of young adults. Students will explore skills for managing resources as they affect various areas of life: interpersonal skills, relationships, marriage, divorce, human reproduction, family planning, coping, aging and death. The course also covers development of the unborn, prenatal care, childbirth, infant/child growth & development, and the responsibilities of parenthood.

Life Management I CTE						435700	
MHS	9-10	10	None	Fine Art, Lang, CTE	N	Cons Services Introduction	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

Life Management I is a year-long introductory course which helps students build confidence in dealing with “real life lessons.” The areas of study include friends and family relationships, foods and nutrition, child development, fashion, interior design, consumer education and FCCLA. Students will participate in hands-on and group activities to help students develop self-worth and leadership.

Life Management II CTE						435800	
LHS, MHS, THS	10-12; LHS only 11-12	10	None	Fine Art, Lang, CTE	G	N	Cons Services Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Life Management II is a year-long course designed to provide young adults with skills and knowledge necessary to be successful in their personal/family life as well as in the workplace. Students will participate in hands-on activities and projects to prepare them to live on their own. Instruction in human development, financial planning and consumerism, fashion and wardrobe planning, nutrition and meal preparation, housing decisions, and leadership within FCLAA provides assistance in finding satisfaction and balance in work, personal and family life. Completion of the Life Management I course is recommended but not required to take Life Management II.



# Health & Safety



Careers in Healthcare CTE						422570	
LTA	11-12	20	None	Fine Art, Lang, CTE	G	N	Patient Care Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Careers in Healthcare CTE provides students the opportunity to explore careers in health care while offering a strong foundation regarding the necessary steps to becoming multi-skilled healthcare workers. Students learn communication skills, ethics, interpersonal skills, critical thinking, problem-solving, safety, technology, and other employment skills required to work in the industry. Guest speakers, job shadowing and field trips will be included as part of this career exploration course. This course will be beneficial for those students who are interested in pursuing the Medical Assistant CTE or Dental Assistant CTE course as a senior. Students who successfully complete the course will earn the American Heart Association CPR/AED certification.

Careers in Healthcare (Year 1) CTE						422810	
BCHS	10-12	10	None	Fine Art, Lang, CTE	G	N	Patient Care Concentrator
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Careers in Healthcare (Year 1) CTE provides students the opportunity to explore careers in health care while offering a strong foundation regarding the necessary steps to becoming multi-skilled healthcare workers. This is year 1 of a 2 year sequence. Following the year 2, Capstone course, students will be CTE Completers. Students do not need to take year 1 prior to the Careers in Healthcare CTE course at LTA. The LTA Course covers the 2 years' of content in one year. Students learn communication skills, ethics, interpersonal skills, critical thinking, problem-solving, safety, technology, and other employment skills required to work in the industry. Guest speakers, job shadowing and field trips will be included as part of this career exploration course. This course will be beneficial for those students who are interested in pursuing the Medical Assistant CTE or Dental Assistant CTE course as a senior. Students who successfully complete the course will earn the American Heart Association CPR/AED certification.

Dental Assisting CTE							423470	
LTA	12	20	Yes – see page 23	None	Fine Art, Lang, CTE	G	N	Patient Care Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Upon receiving a Certificate of Completion from this course high school seniors are able to work in a dental office as an unlicensed chairside dental assistant. High school seniors have the option of taking the course either for career exploration or to pursue a Certificate of Completion. Pursuing a Certificate of Completion requires also attending a Period 7 lab class two days per week (see description below) and completion of an externship in a dental office at the end of the two semester course. Students must be 18 years of age to begin their externship. Students pursuing a Certificate of Completion must also become certified to take dental x-rays by taking a CA Dental Board approved CA Radiation Safety Course which is also offered at Lincoln Technical Academy. Classroom lectures, demonstrations, and hands-on practice in three fully-equipped modern dental treatment rooms train students to prepare instrumentation and commonly used dental materials, assist the dentist working in the patient's mouth, and utilize infection control techniques. Students must provide their own transportation to the Period 7 lab class and to their externship. **Requirements:** Negative TB Test, Hep B vaccination, up-to-date Tetanus vaccination, and any other vaccines required by the Extern site and must have CPR Certification by completion of class.

Dental Lab					423570		
LTA	12	5	Concurrent enrollment in 423470		Elective		N
Offered At	Grades	Credits	Pre/Co-Req		Grad Req		Repeatable

All students enrolled in Dental Assisting CTE are required to enroll in Dental Lab. Students must attend two days a week, **Tuesdays and Thursdays 3:30-4:45 pm**. It is also a requirement in qualifying for a Certificate of Completion from the Dental Assistant Course.

Dental – Radiation Safety Course					014250
LTA	12	5	Concurrent enrollment in 423470	Elective	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This optional course is a Dental Board of California approved 80-hour course that satisfies the California radiation safety requirements to be able to operate dental radiographic (x-ray) equipment. Students will learn both bisection of the angle and parallel techniques of exposing x-rays using film and digital sensors. Students will also learn film processing, sensor software, and theory related to radiation production and safety as well as the correction of exposure errors. After successfully completing the techniques on Dexter manikins, students must provide four clinical patients for the completion of the course. Successful completion of course competencies will provide the student with the Certificate of Completion necessary to be able to expose dental radiographs (x-rays) in a dental office setting in California. This course is typically offered twice per year during after-school hours.

Drivers Education/High School 101					254500 / 216900
LHS, THS	9	5	None	9 <sup>th</sup> Grade Pathway	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

The semester is divided into Driver's Education and High School 101. Driver's Education must be completed before behind-the-wheel training. High School 101 is designed to prepare students for academic success as they transition from middle school to high school. Students will learn study skills and strategies such as time management, note taking, memory recall and test taking methods. Students will also become proficient in Google applications, learn to set goals and effectively communicate as they work their way through high school.

Drivers Education/Health					254500 / 253500
BCHS, MHS	9	5	None	9 <sup>th</sup> Grade Pathway	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course is divided into Driver's Education and Health & Safety. Driver's Education must be completed before behind-the-wheel training. Health & Safety includes overall health awareness (mental/emotional, social & physical health) and understanding health of the body systems and disease prevention. Students learn the importance of drug awareness including tobacco, alcohol, and other drugs, and are introduced to first aid.

Emergency Medical Response CTE						Course # TBD	
LTA	11-12	20	None	Fine Art, Lang, CTE	*	N	Emergency Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

The course content and activities will prepare students to make appropriate decisions about the care to provide in a medical emergency. The course teaches the skills an EMR needs to act as a crucial link in the emergency medical services (EMS) system. This course will also be an in depth study of Emergency Medical Technicians (EMTs) and how they care for the sick or injured in emergency settings; people's lives often depend upon their quick reaction and competent care. California law requires all ambulance attendants to be trained and certified at the EMT level. Many fire departments also require firefighters to be EMT certified. EMTs are often used as the first dispatched medical providers within an Emergency Medical Services (EMS) system. Students will also earn Basic Life Support (BLS) Certification through the American Heart Association or American Red Cross.

Health						275110
LHS, THS	9	5	None	9 <sup>th</sup> Grade Pathway	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course addresses the physical, mental, emotional, and social aspects of Health by teaching students to identify essential concepts, analyze influences, access valid information, by adopting interpersonal communication skills and decision-making skills- all with goal-setting in mind. Health focuses on disease prevention, health-related risk behaviors, obtaining health literacy, and developing attitudes and skills that foster good health for life. Units taught are: Introduction to Health and Wellness, Mental/Emotional Health, Nutrition/Fitness, Communicable and Non Communicable Diseases, Drug Awareness, and First Aid/Safety. The curriculum will also include the CHYA units: Climate Setting, Sexual Orientation, Gender Identity, Stereotypes, Male/Female Reproductive Systems, Stages of Pregnancy /Teen Pregnancy, Preventing HIV /STD's, Healthy Relationships, Communication, Decision Making, Coercion and Consent and Online Safety, Abstinence and Birth Control Methods.

Health Careers						253610
MHS	10	10	Enrollment in Health Careers Academy	Elective	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course is the first in a series of elective courses designed to prepare students to enter a career in health care. This course will introduce students to the education and professional requirements for over one hundred health-related careers, in addition to teaching general skills such as teamwork and communication.

Hospital Occupations CTE						429870	
MHS	11-12	20	Yes – see page 23	None	Fine Art, Lang, CTE	N	Patient Care Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course is designed to introduce students to careers related to the medical field and prepares students for entry-level employment in the medical setting. Students learn about the human body, medical terminology, assess vital signs and use health related skills including professionalism, customer service and communications. Students are placed in community classroom sites, such as dietary, physical therapy, surgery, patient transportation, hospital offices, medical offices, or other areas according to interests and availability.

**Requirements:** Physical exam or physical clearance and a negative TB skin test or chest x-ray required before students can be placed at a community classroom site. Students must also provide proof of vaccinations as required by their community classroom site. Students must provide their own transportation to the placement site; some are within walking distance.

Intro to Dental Assisting (Year 1) CTE						423110	
BCHS	10-12	10	None	Fine Art, Lang, CTE	N	Patient Care Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This course is open to Sophomores through Seniors looking to learn more about the many different employment opportunities in the field of Dentistry including those that are not necessarily related to working in the mouth. Students will learn the soft skills and technical skills required to work in the industry. Guest speakers, job shadowing and field trips will be included as part of this career exploration course. This course will be beneficial for those students who are interested in pursuing the Dental Assistant course as a senior.

Medical Assistant CTE							424270	
LTA	12	20	Yes – see page 23	Student must turn 18 by 7/1/24	Life Science, Fine Art, Lang, CTE	G	N	Patient Care Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course prepares students for employment as a Medical Assistant in both the administrative and clinical areas of medical facilities, hospitals, and offices. Administrative instruction includes medical ethics and law, reception techniques, patient check-in, clerical skills, communication skills, office automation, including computer skills for the medical facility, HIPAA regulations and medical terminology. The clinical component includes infection control/aseptic technique, vital signs, patient assessment and charting, pharmacology, EKG's, nebulizers, phlebotomy and injection techniques, as well as Point of Care testing such as urinalysis and glucose testing. Students will study the various body systems. This course may be used to fulfill 10 credits of the life science graduation requirement. **Requirements:** Negative TB skin test or chest x-ray and any vaccinations the Extern site requires. Students interested in on-the-job-training (extern) must provide their own transportation. Extern sites require a background check (at student's expense). COVID 19 vaccination is required for most externship sites. Students must be 18 years of age to begin their externship. Students must be 18 by July 1, 2024 to enroll.

Medical Science & Terminology							422770	
MHS	11	10	Yes - See pg 23	Enrollment in Health Careers Academy	Elective	G	N	
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	A-G	Repeatable	

The healthcare industry has its own language. The Medical Science and Terminology course prepares students to understand and use this language. These terms will relate back to the human body systems and various medical fields with which these terms are associated. The course prepares students with a foundation for future employment in the medical health field.

# Industrial Arts



Auto Mechanics CTE							565200
BCHS, LHS, THS	9-11	10	Yes – see page 23	None	Fine Art, Lang, CTE	N	System/Ops Concentrator
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course gives students fundamental information and skills in the construction of the automobile and the operational needs of automobile maintenance. Students are introduced to major automotive components through practical application projects. Areas included are shop safety, names of, and appropriate use of power tools, fundamental principles, and construction of the internal combustion engine. Also covered are automobile chassis, suspension, brake, fuel, lubrication, electrical systems and emission controls.

Auto Mechanics, Advanced CTE							565280
BCHS, LHS, THS	10-12	10	Yes – see page 23	Successful completion (C or better) of 565200	Fine Art, Lang, CTE	Y	System/Ops Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course builds on knowledge gained in introductory automotive class. This is an in-depth study of the automobile, covering specific aspects of maintenance and/or repair. This course is designed to further the student's knowledge of the automobile and to develop the necessary skills in the related automotive fields. The student puts into practice the technical knowledge learned in the intro class. Prerequisite: Successful completion (C or better) of Auto Mechanics CTE.

Auto Services CTE						565570	
LHS	10-12	20	Successful completion (C or better) of 565200	Fine Art, Lang, CTE	N	Operations Capstone	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This two-hour course trains in the adjustment and repair of autos, including suspension and brake systems, emission controls, engine diagnosis, tune-ups, air conditioning and engine rebuilding. Students train on the Allen computer and other diagnostic equipment. Prerequisite: Successful completion (C or better) of Auto Mech.

Construction Technology 1 CTE						557210	
LHS	9-11	10	None	Fine Art, Lang, CTE	G	N	Bldg & Const Introduction
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course is an overview of the construction trades, with integrated Geometry content. Students master measurement systems, safe use of hand and power tools, calculation and characteristics of materials, basic carpentry, framing, introduction to electrical wiring and plumbing, and site preparation. Students will learn scale modeling, sketching, and basic blueprinting. Students learn about construction careers. Coursework is research and project-based, developing teamwork and project management skills. The culminating project is a house design project: scale modeling, sketches, rough blueprints, materials lists and pricing, personnel needed, and in-class presentation. Students demonstrate responsibility for personal, occupational safety on the job site.

Construction Technology 2 CTE						557710	
LHS	10-12	10	Successful completion (C or better) of 557210	Fine Art, Lang, CTE	N	Bldg & Const Concentrator	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway	

This course covers a more advanced knowledge of safety, use of hand and power tools, blueprint reading, and geometry. Students will learn all aspects of framing, including floor, wall, and roof framing. Students will have the opportunity to learn about and perform basic residential electrical wiring, plumbing, and roof installation. Integrated throughout the course are foundation standards, which include communication, ethics, interpersonal/team skills, critical thinking and other employment skills needed for the construction industry. Each unit will have a different team leader assigned to it so that all students will have the opportunity to lead their team through a phase of the construction process. Students in this course will have the opportunity to take the OSHA 10 hour safety course to obtain their lifetime safety certificate. Prerequisite: Successful completion (C or better) of Construction Technology 1 CTE.

Diesel Technology CTE						590570	
LHS	10-12	10	Yes – see page 23	Successful completion (C or better) of 565200	Fine Art, Lang, CTE	N	Operations Capstone
Offered At	Grades	Credits	Articulated	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This class is designed to give technical information and develop skills in executing work on various diesel equipped vehicles and diesel equipment. Basic instruction will be given through practical work on diesel engines and related mock-ups in the preparation for employment in various heavy equipment, agricultural, and small diesel industries. Prerequisite: Successful completion (C or better) of Auto Mechanics CTE.

Electric Vehicle (EV) Technology CTE					591070	
THS	10-12	10	Successful completion (C or better) of 565200	Fine Art, Lang, CTE	N	Systems Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	CTE Pathway

This course will educate students about design, construction and assembly of electric vehicles. The course describes sequential procedures for assembling an Electric Vehicle (EV). The resulting vehicle will be a fully operational EV with direct current drive train. Prerequisite: Successful completion of Auto Mechanics CTE.



# Leadership



*Most leadership courses have a minimum GPA requirement. See your school site for details.*

APPLE Class Tutor (APPLE Academy Students only)					839740
LHS	12	10	Enrollment in APPLE Academy	Elective	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This is a senior APPLE course that provides students with real experience working in a classroom setting assisting students (the class is the “one period” option available in place of CTE’s “Careers in Education.”) Students are monitored by a classroom teacher and supervised by an Academy coordinator. Students rotate in various settings to gain experience in Special Education, ELD and mainstream classes. Placement is available both on and off campus.

AVID Tutor					219700
BCHS, LHS, MHS, THS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students perform various tasks as assigned by the instructor and work with individual students on a one-to-one basis or with small groups of students. Students assist the instructor during lab activities carried out by the class. AVID Peer tutors receive training and support from the AVID teachers and work as a partner with the teacher in the classroom.

College and Career Assistant					861500
BCHS, LHS, THS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

The College Career Assistant will be responsible for assisting the College and Career Advisor with a number of clerical duties. The assistant will maintain and update files, organize and update college catalogs and SAT/ACT registration and prep materials. The assistant will advertise and update scholarship information. They will be expected to create spreadsheets in Excel as well as extract and evaluate data from reports. The assistant also helps with Senior Awards Night. In addition, each student is required to complete a career interest survey and research educational requirements of a career of their choice.

Conflict Mediation					800000
BCHS, LHS, MHS, THS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Conflict Mediation is a program which uses trained student facilitators to help resolve student problems. During the time they are enrolled in the class, students work closely with the program coordinator and administration. The ultimate result is an improved self-concept among team members and overall improved atmosphere on campus. Students enrolled in the program should have a history of demonstrated responsibility and a willingness to help others.

English Language Development Tutor					879700
LHS, THS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students perform various tasks assigned by the instructor and work with individual students on a one-to-one basis or with small groups. Students assist the instructor during activities carried out by the class. Proficiency in prior English classes is a must.

Industrial Arts Tutor					282310
BCHS, LHS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students perform various tasks as assigned by the instructor and work with individual students on a one-to-one basis or with small groups. Students assist the instructor during activities carried out by the class.

JROTC (LET 1)					250310
MHS	9-12	10	None	Elective	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This is the first course of a two course sequence. This course includes classroom instruction and lab instruction in the history, customs, traditions, and purpose of Army JROTC. It contains the development of basic leadership skills to include leadership principles, values, and attributes. Development of core skills students should master, an appreciation for diversity, and active learning strategies are integrated throughout the course. Performance standards are based on those identified in the curriculum for the US Army JROTC. Successful completion of at least three units of credit in the Army JROTC program will qualify the student for advanced placement in a college ROTC program or accelerated promotion in the military service.

JROTC (LET 2)					250410
MHS	10-12	10	250310	Elective	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This is the second course of the two course sequence. This course expands on skills taught in LET 1. This course introduces equal opportunity and sexual harassment. It provides instruction on leadership styles and practical time to exercise leadership theories as well as the basic principles of management. It provides self-assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. Performance standards are based on those identified in the curriculum for the US Army JROTC. Successful completion of at least three units of credit in the Army JROTC program will qualify the student for advanced placement in a college ROTC program or accelerated promotion in the military service.

Library Practice					820000
BCHS, LHS, MHS, THS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course is a work-study program in which the student learns library routines and tasks such as circulation desk procedures; check out of library books and textbooks; shelving of materials; processing new books; helping students with research.

Link Crew					800200
BCHS, LHS, MHS, THS	11-12	10	see below	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This is a team of upperclassmen who mentor the freshman class and runs Freshman Orientation to welcome and acclimate freshmen to their school. They provide educational and team building activities in the freshman state requirement classes (drug/alcohol/tobacco awareness, anger-management, making positive choices, etc.) and a social activity each semester. Leaders also meet one-on-one with their freshmen each semester. This program is geared towards individual student success on an academic & personal level. Students are required to sign a contract regarding behavior, attendance, grades and confidentiality; as well as attend summer training and all events. **Prerequisites:** Application, paper screening (grades, attendance, behavior, letters of recommendation) and then interview.

Link Crew Commissioner					800400
BCHS, LHS	12	10	Successful completion (C or better) of 800200	Elective	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Student(s) will assist in running the Link Crew program whether the site has it as a class or in an extra-curricular format. The student(s) will serve as a leader within this group of student leaders and help the Link Crew Coordinator provide the campus with the services of the Link Crew program. This is a position in which the student(s) will be assigned to the Link Crew Coordinator (teacher) during any of their periods, other than their prep, same as a TA or Tutor position.

Math Tutor					249700
BCHS, LHS, THS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students perform tasks as assigned by the instructor and work with individual students on a one-to-one basis or small group. Students assist the instructor during activities carried out by the class. Math tutors can help edit/evaluate students' work. Math tutors must have demonstrated mastery in the same or similar course prior to becoming a math tutor.

Office Exploration (Office T.A.)					861100, 861200
BCHS, LHS, THS, PRHS, MCHS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

The students are assigned to work in the school office as assistants to the regular office personnel. This is "on the job experience" which provides students with an opportunity to observe and participate in actual office work.

Peer Tutor					839900
BCHS, LHS, MHS, THS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course is designed for junior and senior students. Students will be working as peer tutors in the classroom setting assisting students with the curriculum. Students are monitored by a classroom teacher. They will rotate through a variety of instructional strategies normally used in order to gain experience. Peer tutors can help edit/evaluate students' written work for accuracy. Peer tutors must have demonstrated mastery in the same or similar course prior to becoming a peer tutor.

Performing Arts T.A.					291496
BCHS, LHS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

With experience from the theater/music/or dance programs, the student will be able to provide the teacher with assistance in peer cooperative groupings, clerical and technical aid, and will acquire a clearer understanding as to the responsibilities of the art.

Performing Arts Tutor					291497
BCHS, LHS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students with high standards and accomplishment in the art form will provide tutoring during and/or after class for students needing extra help in becoming successful in the class. Tutors will also provide peer learning in the rudiments of the art form, ex. leading class discussion, teaching a skill, and performing when needed. Performing Arts Tutors must have demonstrated mastery in the same or similar course prior to becoming a tutor.

Science Laboratory Assistant					269600
BCHS, LHS, MCHS, MHS, THS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students have an opportunity to organize and supervise chemistry experiments offered in the general chemistry course. Students prepare solutions, set up special equipment, perform demonstrations, and assist other students with both laboratory and written problems.

Science Tutor					269700
BCHS, LHS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students perform various tasks as assigned by the instructor and work with individual students on a one-to-one basis or with small groups of students. Students assist the instructor during lab activities carried out by the class.

Seminar 101						216610
MHS	9	10	None	Elective	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course is designed to help students understand the importance of academics and to build a solid foundation of skills such as self-analysis, time-management, goal-setting, decision-making, career research, financial literacy and planning for the future. Every student will leave this class having completed a 10-Year Plan that includes their high school plans along with post-secondary options.

Special Education Tutor					849700
LHS, PRHS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students perform various tasks as assigned by the instructor and work with individual students on a one-to-one basis or with small groups. Students assist the instructor during activities carried out by the class.

Student Government					271900
BCHS, LHS, MHS, THS, MCHS	9-12	10	Per teacher approval	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course is designed to meet the needs of the Student Leadership Team. All assembly persons and student body officers are required to enroll in this course once elected. The course concentrates on legislative procedures, basic concepts of the democratic process, team building, special projects & developing leadership skills, parliamentary procedure, management, communication & decision making.

Student Success					216000
LibHS, MHS	9-12	10; MHS 0	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course is designed to ensure the academic success of students throughout their high school years. At McNair, students participate in a homeroom called Student Success to learn skills ensuring academic success, but no credits are assigned.

Teacher's Aide (T.A.)					860500, 860600, 860700, 860800
BCHS, LibHS, LHS, PRHS, MHS, THS, MCHS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students working as teachers' aides work individually with teachers. Learning experiences include typing, filing, record keeping, stapling, and collating. Other experiences may include bulletin board preparation, game and/or practice drill supervision, audio-visual material preparation, and resource material gathering.

World Language Tutor					229700
BCHS, LHS, THS	11-12	10	See school's application requirements	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This course provides students with real experience working in a classroom setting assisting students. The foreign language tutor is an intermediate or advanced learner in the target language who can partner with lower level students in conversational activities and edit/evaluate student written work for accuracy. Students may also help with clerical activities such as correcting papers to expose them to the written work of the target language.

Work Experience Education					830000
BCHS, LHS, THS, LDA	11-12	10	See prerequisite description below	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Work Experience Education is the supervised part-time employment of students with the intent of counseling and assisting them to acquire desirable work habits in real job situations. The part-time job held by the student may or may not be related to the occupational goal of the student. Students must be paid and attend one weekly class prior to period 1 or after period 6. The class curriculum focuses on getting jobs, keeping jobs, leaving jobs, occupational selection, and consumer skills. According to the California State Department of Ed, the student must not remain in the class more than 10 school days after leaving a job, or if illness prevents the student from working. A student must work 10 hours/week to be enrolled in 5 semester credits or a minimum of 15 to 20 hours for 10 semester credits. **Students must be enrolled in a minimum of 4 other classes before enrolling in Work Experience Education.**

# Mathematics

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 \sqrt{2} & \div \\
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 101_2 & = 5_{10}
 \end{array}$$

High School Math						245700	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12; MHS 9-11	10	None	Math	N	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Meets Alg Req	

High School Math 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.

Integrated Math 1 CP						240610	
BCHS, LHS, MHS, THS, MCHS	9-12	10	None	Math	C	N	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Meets Alg Req

This course is the first course of the Integrated series. The fundamental purpose of the Integrated Mathematics I course is to formalize and extend the mathematics that students learned in the middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability.

Integrated Math 2 CP						240710, 240740	
BCHS, LHS, MHS, THS, MCHS	9-12	Successful completion (C or better) of 240610	Math	C	N	Y	
Offered At	Grades	Pre/Co-Req	Grad Req	A-G	Repeatable	Meets Alg Req	

The focus of the Integrated Mathematics II course is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Integrated Mathematics I. This course includes standards from the categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Instructional time will focus on five areas: (1) laws of exponents; (2) characteristics of quadratic, linear, and exponential functions; (3) equations and inequalities involving linear, exponential, and quadratic expressions; (4) probability; and (5) similarity of triangles. Prerequisite: Successful completion (C or better) of Integrated Math 1 or equivalent course.

Integrated Math 2+							240715	
BCHS, LHS, MHS, THS	9-12; MHS 9-10	10	Successful completion (C or better) of 240610	H	Math	C	N	Y
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Meets Alg Req

Students will build on their learning from Integrated 1 and continue to make connections among concepts from algebra, geometry, functions, and probability to be connected to the eight Mathematical Practices. Instruction for this course will include all components of Integrated Math II, but this course will also cover seven additional standards to prepare students for advanced courses. Prerequisite: **Highly** successful completion (C or better) of Integrated Math 1 or equivalent course.

Integrated Math 3 CP						240810	
BCHS, LHS, MHS, THS, MCHS	10-12	10	Successful completion (C or better) of 240710 or 240740	Math	C	N	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Meets Alg Req

In Integrated Mathematics III, students integrate and apply what they have learned from earlier courses. This course includes Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. For the Integrated Mathematics III course, instruction will focus on four areas: (1) using probability and statistics to draw inferences and conclusions; (2) using functions to include polynomial, rational, and radical functions; (3) right triangle trigonometry; and (4) creating models and solve contextual problems. Prerequisite: Successful completion (C or better) of Integrated Math 2 CP.



Integrated Math 3+							240815	
BCHS, LHS, THS	10-12	10	Successful completion (C or better) of 240715	H	Math	C	N	Y
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Meets Alg Req

In this course, students will build on their learning from Integrated Math 1 and Integrated Math 2+ and engagement in the Eight Mathematical Practices with a focus on the four critical areas from Integrated Math III. Additionally, Integrated Math 3+ will provide instruction on complex numbers, trigonometry, and probability, inverse functions, and polar coordinates. Students successful in Integrated Math 3+, along with the prerequisite Integrated Math 2+, will have had the requisite Pre-calculus instruction to be ready for Calculus. Prerequisite: Successful completion (C or better) of Integrated Math 2+.

Pre-Calculus CP							245110	
BCHS, LHS, MHS, THS	10-12	10	Successful completion (C or better) of 240810		Math	C	N	Y
Offered At	Grades	Credits	Pre/Co-Req		Grad Req	A-G	Repeatable	Meets Alg Req

This is a one-year course for all students who are planning to major in the sciences, engineering, or mathematics. This course includes one semester of analytic trigonometry and one of analytic geometry. Prerequisite: Successful completion (C or better) of Integrated Math 3 CP.

AP Calculus AB							248016	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 245110 or 240815	AP	Math	C	N	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Meets Alg Req

AP Calculus AB covers elementary functions, differential and integral calculus and parallels the college level course. Upon completion, students will be eligible (and strongly encouraged) to take the AP exam in calculus and earn college credits. A graphing calculator is recommended. Prerequisite: Successful completion (C or better) in Pre-Calculus or Integrated Math 3+.

AP Calculus BC							248116	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 245110 or 240815	AP	Math	C	N	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Meets Alg Req

AP Calculus BC covers the calculus of functions of a single variable. It includes all topics covered in Calculus AB, plus the rigorous definitions of limits, sequences and series, parametrically defined curves, polar curves and other advanced techniques of integration. The content of Calculus BC is designed to qualify the student for placement in a course that is beyond that granted for Calculus AB. Students are strongly encouraged to take the AP Calculus Exam. Prerequisite: Successful completion (grade of C or better) in Pre-Calculus or Integrated Math 3+.

Consumer Math						247000	
BCHS, LibHS, LHS, MHS, PRHS, THS	11-12	10		Math		N	N
Offered At	Grades	Credits		Grad Req		Repeatable	Meets Alg Req

Math for Financial Literacy prepares students for the real world. This course provides instruction for relevant math concepts that students can easily relate to their daily lives. Students learn how to apply basic math concepts to tasks they use in the real world, including earning a paycheck, managing a bank account, using credit cards and creating a budget. Other practical topics are presented to help students become financially capable and responsible.

Personal Finance CP						246510	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 240610	Math	C	N	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Meets Alg Req

The Personal Finance course is an introductory course that will provide students with an in-depth understanding of financial planning and investing so that they will be able to use these applications in everyday life. Topics include basic personal finance, taxes, mortgages, insurance, responsible credit behavior, and retirement. Students will be required to work with peers and develop projects to demonstrate their understanding of the material. Recommended pathway: Successful completion (C or better) in Integrated Math 1 CP.

Statistics CP						248310	
BCHS, LHS, MHS	11-12	10	None	Math	C	N	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Meets Alg Req

This is a one-year College Preparatory course in probability and statistics. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring data, planning and conducting surveys and experiments, probability, and statistical inference.

AP Statistics							248316	
BCHS, LHS, MHS, THS	11-12	10	None	AP	Math	C	N	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Meets Alg Req

This course covers exploratory data analysis & collection, probability, and statistical inference. It parallels a college level course. The course draws connections between all aspects of the statistical process, including design, analysis, and conclusions. The student will be prepared to take the advanced placement exam in the spring. Successful completion of the exam will give the student one semester of college credit for introductory statistics at most colleges and universities. Students are strongly encouraged to take the AP exam.

AP Computer Science A							248416	
MHS, THS	11-12	10	None	AP	Math Elective	C	N	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Meets Alg Req

The AP Computer Science A course is an introductory course in college-level computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course. This AP course uses the JAVA programming language, currently the top programming language worldwide.

Applications of CAD/CAM CTE						Course # TBD	
THS	10-12	10	Successful completion (C or better) of 557670; Co-Req: 240710 or higher	Math Elective, Fine Art, Lang, CTE	*	N	Engineering Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

Students will learn to use solid modeling software as a tool to create advanced 3D CAD solid models and engineering drawings. Students will use engineering drawings to markup 2D CAD drawings as needed to write G-Code for computer numerical control (CNC) machines. Students will import 3D solid models into computer aided design and computer aided manufacturing (CAD/CAM) software to automatically create G-Code for machining. Students will learn CNC machine setup and operations. These skills are highly sought after in the manufacturing and engineering design industries. This is the Capstone Course in the Engineering Design Pathway. Prerequisite: Successful completion (C or better) of 3D Engineering Design with SolidWorks CTE. Co-Requisite: Enrollment in Integrated Math 2 or higher.

# Physical Education



Physical Education 1					250000
BCHS, LibHS, LHS, MCHS, MHS, PRHS, THS	9	10	None	PE	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students are offered a wide variety of team and individual sports and activities. Students take part in a fitness program that includes exercising and running. Units of study include, but are not limited to, volleyball, tennis, tumbling, track and field, ultimate frisbee, badminton, conditioning and weight training, swimming, square dance, golf, basketball, flag football, self-defense, soccer, softball, indoor hockey, pickleball, project adventure and nontraditional games. Communication, honesty, sportsmanship, and teamwork are emphasized through physical activity and sport. Lessons on HIV/AIDS will be incorporated into the curriculum. A primary goal of this course is to develop a life-long interest in physical fitness.

Physical Education 2					255000
BCHS, LibHS, LHS, MHS, PRHS, THS, MCHS	10-12	10	None	PE	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This second level course expands on the units of study and areas of emphasis from Physical Education 1. A primary goal of this course is to develop a life-long interest in physical fitness.

Individual, Dual, and Team Sports					256000
MHS, THS, MCHS	11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This class is for students who are part of the athletic program and want to continue physical conditioning.

Physical Education – Exploratory Basketball					256400
BCHS	10-12	5	None	Elective	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

In this course, we will be learning skills related to the specific sport by running drills, researching the history and rules associated with the sport, and playing the sport in a tournament style environment. Students will be officiating these tournaments to help learn all aspects of the game.

Physical Education – Exploratory Football					256300
BCHS	10-12	5	None	Elective	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

In this course, we will be learning skills related to the specific sport by running drills, researching the history and rules associated with the sport, and playing the sport in a tournament style environment. Students will be officiating these tournaments to help learn all aspects of the game.

Weight Training					255100
BCHS, LHS, MHS, THS	10-12; MHS 11-12	10	None	Elective	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

This physical education program is a conditioning and weight training class designed to meet the individual needs of students interested in all phases of musculature development. Class may include free weights, weight machines, and aerobic conditioning. LHS: 10th grade only allowed if a student qualifies for a PE2 waiver.

# Science

For Agricultural Sciences, please see pages 41-44



Anatomy and Physiology CP							262310
BCHS, LHS, MHS, THS	11-12; MHS 10-12	10	Successful completion (C or better) of 260400 or 260410 or 260412	Science	D	N	Life Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This is a CP course in the study of human biology. The structure & function of the various systems of the human body is studied in detail. Human diseases & exercise physiology are studied in relation to an individual's changing environment. Prerequisite: Successful completion (C or better) of Biology of the Living Earth/CP/H.

Astronomy							260010
MHS	11-12	10	None	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This course is designed for the student who wants to learn more about the universe in which we live. Topics include: History of astronomy, technological advances, stellar evolution, and contents, structure, and evolution of the universe.

Biology of the Living Earth					260400	
BCHS, LibHS, LHS, MHS, PRHS, THS	10-12; MHS 9-12	10	None	Science	N	Life Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Science Category

This is a high school science course designed around the Next Generation Science Standards to prepare the student with a solid foundation in the concepts of Biological and Earth Sciences as outlined in the 3-course model of the California Science Framework. Students will develop an understanding of structure and function in living organisms, flow of energy within species and ecosystems, inheritance of traits, natural selection, adaptation to a changing global climate, and human impacts on Earth's ecosystems. **This course meets the District graduation requirements, but not the UC/CSU "a-g" entrance requirements.**

Biology of the Living Earth CP							260410
BCHS, LHS, MCHS, MHS, THS	9-12	10	Co-Requisite: 240610 or higher	Science	D	N	Life Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This is a college-prep laboratory science course that is designed around the Next Generation Science Standards to prepare the college bound student with a solid foundation in the concepts of Biological and Earth Sciences as outlined in the 3-course model of the California Science Framework. Students will develop an understanding of structure and function in living organisms, flow of energy within species and ecosystems, inheritance of traits, natural selection, adaptation to a changing global climate, and human impacts on Earth's ecosystems. Co-Req: Enrollment in Integrated Math 1 CP or higher level math.

Biology of the Living Earth Honors							260412	
BCHS, LHS, THS	9-12	10	Co-Requisite: 240710 or 240740 or higher	H	Science	D	N	Life Science
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Science Category

This is an accelerated college-prep laboratory science course that is designed to meet the Next Generation Science Standards outlined in the 3-course model of the California Science Framework, while also aligning with the AP Biology Big Ideas and Science Practices. This course prepares students for careers and concentrations in the field of STEM as well as early enrollment in college-level science courses including AP Biology and Chemistry Honors. Biology of the Living Earth Honors is a rigorous life science focus course that covers scientific principles and processes at a much deeper and more advanced level than Biology of the Living Earth CP. Recommended Prerequisites: Concurrent enrollment in Integrated Math 2 or higher.

Chemistry in the Earth System CP						260610	
BCHS, LHS, MCHS, MHS, THS	10-12	10	Successful completion (C or better) of 240610 and Co-Req 240710 or higher	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This is a college-prep laboratory science course that is designed around the Next Generation Science Standards to prepare the college bound student with a solid foundation in the concepts of Chemistry and Earth Sciences as outlined in the 3-course model of the California Science Framework. Students will develop an understanding of combustion, heat and energy, atoms, elements, and molecules, chemical reactions, energies, chemistry of climate change, and ocean acidification. Recommended Prerequisites: Successful completion (C or better) of Biology of the Living Earth/CP/H and concurrent enrollment in Integrated Math 2 CP or higher.

Chemistry Honors							260712	
MHS, THS	10-12	10	Successful completion (C or higher) 240710 or Co-Req 240715	H	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Science Category

This is an accelerated college-prep laboratory science course where students will explore matter, its properties, and its interactions with other matter and energy beyond the scope of the assessment boundaries. The units in this course are designed around the Next Generation Science Standards to prepare the college bound student with a solid foundation in the concepts of Chemistry as outlined in the 4-course model of the California Science Framework. This course specifically focuses on students' ability to demonstrate knowledge through the Science and Engineering Practices and Cross Cutting Concepts, specifically "matter and energy", "cause and effect" relationships, and "stability and change". Students will engage in discussion, hands-on activities and experiments, observe real-world phenomena and ultimately form conclusions based on evidence. Recommended Prerequisites: Successful completion (C or better) of Biology of the Living Earth/CP/H and concurrent enrollment in Integrated Math 2+ or higher.

Conceptual Physics CP						264010	
BCHS, LHS, MHS	10-12 BCHS, LHS; 11-12 MHS	10	Successful completion (C or better) of 260400 or 260410 or 260412 and 240610 (or higher)	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This course provides students with the scientific principles, concepts, mathematical relationships and problem solving methodologies required to understand the fundamental physical laws of the natural world. Students use these understandings to identify and analyze problems both natural and human-made (engineering related). Lab-based learning is an essential component to this class and all subject matter is tied to practical, everyday experiences. Successful completion (C or better) of Biology of the Living Earth/CP/H and Chemistry in the Earth System CP or Chemistry H and Integrated Math 1 CP or higher level math.

Earth and Space Sciences						265300	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Science		N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable	Science Category

This is a high school science course designed to investigate the natural world and its processes. Students will develop an understanding of the planet on which they live, the systems that shape it, and the influence of human activities on those systems. This course is designed around the Next Generation Science Standards to prepare the student with a solid foundation in the concepts of Earth and Space Sciences as outlined in the 4-course model of the California Science Framework.

**This course meets the District graduation requirement, but not the UC/CSU "a-g" entrance requirements.**

Earth and Space Sciences CP						265310	
BCHS, LHS, MCHS, MHS, THS	9-12	10	None	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This is a college-prep laboratory science course designed to investigate the natural world and its processes. Students will develop an in-depth understanding of the planet on which they live, the systems that shape it, and the influence of human activities on those systems. This course is aligned with the Next Generation Science Standards to prepare the college bound student with a solid foundation in the concepts of Earth and Space sciences as outlined in the 4-course model of the California Science Framework.

Forensics						263110	
LHS, THS	10-12	10	None	Elective	G	N	None
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This course is designed to provide the science behind forensics. This course integrates all aspects of science: Physics, Geology, Chemistry, and Biology with mathematics and writing skills by using real-life applications and case studies. As students' progress through this course, they will refine critical thinking and problem-solving skills, lab techniques, technical writing skills, deductive-reasoning skills, crime-scene investigation skills, and handling of evidence. It reinforces NGSS Scientific and Engineering Practices, Crosscutting Concepts, and many Disciplinary Core Ideas (physical, earth, and biology) in a truly integrated, relevant learning process.

Human Diseases & Disorders CP						267642	
MHS	11-12	10	Successful completion (C or better) of 260400 or 240610	Science	G	N	Life Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This course introduces Health Careers Academy students to diseases and disorders that afflict humans. These students, in their future education, will need to learn some aspect about pathology. The course will cover a selection of diseases and disorders of the body systems. They will learn about the etiology, symptoms, and treatments of these diseases and disorders. This course will provide an additional foundation of health knowledge as they continue to progress through other Health Careers Academy classes. Associated medical terminology will also be presented. The course is recommended for juniors and seniors. Prerequisite: Successful completion (C or better) of Biology of the Living Earth/CP.

Marine Biology CP						265010	
MHS, THS	11-12	10	Successful completion (C or better) of 260400 or 260410 or 260412	Science	D	N	Life Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This course is designed to take students beyond the regular biology course and familiarize them with oceanography and the interactions of marine organisms to their environment. Animal behavior and the responsible use of the ocean's resources are studied. Prerequisite: Successful completion (C or better) of Biology of the Living Earth/CP/H.

Physics of the Universe CP						261410	
BCHS, LHS, MCHS, MHS, THS	10-12	10	Successful completion (C or better) of 240710 or Co-Req 240715 or higher	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	Science Category

This is a college-prep laboratory science course that is designed around the Next Generation Science Standards to prepare the college bound student with a solid foundation in the concepts of Physics and Earth Sciences as outlined in the 3-course model of the California Science Framework. The laboratory work will engage students in the Science and Engineering practices and cross-cutting concepts. Students will develop critical thinking skills and apply the principles of physics to solve real-world problems in preparation for their college and career experience. CA's NGSS Performance Expectations will guide the instructor's phenomena selection and maintain the overall direction of learning. Prerequisites: Successful completion (C or better) of Integrated Math 2/2+ CP.



AP Biology							267016	
BCHS, LHS, MHS, THS	10-12	10	Recommended Prerequisite 260610	AP	Science	D	N	Life Science
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Science Category

Advanced Placement Biology is an intensive, in-depth second year biology course for students who seek an additional challenge. This course provides students with an opportunity to develop a conceptual framework for modern biology emphasizing application of biological knowledge and critical thinking to environmental and social concerns. This college-level class focuses on the content of the AP Biology curriculum and prepares students to take the AP Biology test. Students enrolled in an AP class are expected to participate in the AP Exam. Prerequisites: Successful completion (C or better) of Biology of the Living Earth/CP/H. It is strongly recommended that students complete Chemistry prior to enrolling in AP Biology.

AP Chemistry							267116	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 260610 or 260712; Co-req: 240810 or higher	AP	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Science Category

This is an accelerated second year chemistry course using mathematical and laboratory models to develop an understanding of Chemistry. The course content includes reactions, thermochemistry, bonding, and kinetics. Students will be eligible to take the AP examination in Chemistry and may earn college credit. Students enrolled in an AP class are expected to participate in the AP Exam. Prerequisite: Successful completion (C or better) of Chemistry in the Earth System CP or Chemistry H and concurrent enrollment in Integrated Math 3 or higher.

AP Environmental Science							265216	
BCHS, LHS, THS	11-12	10	Successful completion (C or better) 260410 & 260610; LHS does not require 260610	AP	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Science Category

Advanced Placement Environmental Science is designed to be an introductory college course. This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course content covers topics outlined by the College Board and prepares the students to take the AP exam in May. Some of the themes covered in this college level course will be: interrelationships of the natural world, energy conversions, environmental problems and alternative solutions for resolving or preventing them. Students are involved in laboratory and field investigations, individual research and writing laboratory reports. Students enrolled in an AP class are expected to participate in the AP Exam. Recommended Prerequisites: Successful completion (C or better) of Biology of the Living Earth CP/H and Chemistry in the Earth System CP or Chemistry H.

AP Physics I							267316	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 240710 or higher	AP	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Science Category

AP Physics is an algebra-based college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory to simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills, construct solid arguments, and see multiple sides of an issue. Students enrolled in an AP class are expected to participate in the AP Exam. Prerequisite: Successful completion of Integrated Math 2/2+ or higher.

AP Physics II							267416	
BCHS, MHS	11-12	10	Successful completion (C or better) of 264010 or 264110 or 267316. Concurrent enrollment in 245110 or 240810 or higher	AP	Science	D	N	Physical Science
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable	Science Category

AP Physics 2 is an algebra-based introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors, magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills, construct solid arguments, and see multiple sides of an issue. Students enrolled in an AP class are expected to participate in the AP Exam. Prerequisites: Successful completion (C or better) Conceptual Physics CP, Physics of the Universe CP or AP Physics I and successful completion of (C or better) and concurrent enrollment in Pre-Calculus CP or Integrated Math 3+ or higher.

# Social Science



World Geography CP						272410
BCHS, LHS, MHS, MCHS, PRHS, THS	9	5	None	9 <sup>th</sup> Grade Pathway	A	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

The semester of Physical and Human Geography is taught through the five themes of geography and the state standards. Students study and compare at least four of the following regions: Africa, Asia, Europe, Middle East, North and South America and the Pacific World. Students explore the global community through current events and cultural diversity through research projects.

AP Human Geography							277716
BCHS, LHS, MHS, THS	9-12	10	None	AP	9 <sup>th</sup> Grade Pathway or Elective	A	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also will learn about the methods and tools geographers use in their science and practice. Emphasis will be on the development of critical thinking and writing skills necessary for the essay portion of the AP examination.

World History					271100
BCHS, LHS, MHS, THS	10	10	None	World History	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

Students examine major turning points in the shaping of the modern world from the late eighteenth century to the present. The year begins with an introduction to current world issues and then continues with a focus on the expansion of the West and the growing interdependence of people and cultures throughout the world. **This course meets the District graduation requirement, but not the UC/CSU "a-g" entrance requirements.**

World History CP						271110
BCHS, LibHS, LHS, MCHS MHS, PRHS, THS	10	10	None	World History	A	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

Students examine major turning points in the shaping of the modern world from the late eighteenth century to the present. The year begins with an introduction to current world issues and then continues with a focus on the expansion of the West and the growing interdependence of people and cultures throughout the world.

AP World History: Modern							271116
LHS	10	10	None	AP	World History	A	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

Students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use skills such as: Analyzing primary and secondary sources, developing historical arguments, and making historical connections. The course covers six major themes: Environmental, cultural, political, economic, social, and technological.

AP European History							277416
BCHS, MHS, THS	10	10	None	AP	World History	A	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

European History is a rigorous and detailed study of the history of Europe from the High Renaissance to the present. Art/Literature, religion, philosophy, economics, and intellectual/social history are covered as well as traditional political/military history. This class is designed to prepare students for the Advanced Placement test. The course is designed in a way that promotes critical thinking and prepares students for Common Core material.

U.S. History						270900
BCHS, LHS, MHS, THS	11	10	None	U.S. History		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable

Students study major turning points in U.S. history in the 20th century. They trace the change in ethnic composition of society; movement toward equal rights for racial minorities & women; and role of the U.S. as a major world power. An emphasis is placed on the expanding role of the federal government and courts as well as the continuing tension between the individual and the state.

**This course meets the District graduation requirement, but not UC/CSU “a-g” requirements**

U.S. History CP						270910
BCHS, LibHS, LHS, MCHS, MHS, PRHS, THS	11	10	None	U.S. History	A	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

Students study major turning points in U.S. history in the 20th century. They trace the change in ethnic composition of society; movement toward equal rights for racial minorities & women; and role of the U.S. as a major world power. An emphasis is placed on the expanding role of the federal government and courts as well as the continuing tension between the individual and the state.

AP U.S. History							277516
BCHS, LHS, MHS, THS	11	10	None	AP	U.S. History	A	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

Advanced Placement U.S. History is an intensive U.S. history program designed for the student who wishes an accelerated learning experience that may qualify high school work for college credit. The course teaches students to analyze evidence and interpretations presented in historical scholarship. Using many sources, documentary materials and statistical tables, the course provides the student with the analytic and factual skills necessary to deal critically with problems and issues in American history. A special emphasis of the course will be the development of critical writing skills necessary for the essay portion of the AP examination.

Economics					270100
BCHS, LHS, MHS, THS	12	5	None	Econ	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable

In this course, students develop an understanding of macro- and micro-economic issues, systems, theories, principles, and institutions applicable to the United States and the world economy. Students are required to utilize previously learned skills in working with graphs, charts, statistics, and economic equations. A research project, simulation, discussion of current events, and supplemental readings are utilized. **This course meets the District graduation requirement, but not UC/CSU “a-g” requirements.**

Economics CP						270110
BCHS, LibHS, LHS, MCHS MHS, PRHS, THS	12	5	None	Econ	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

In this course, students develop an understanding of macro- and micro-economic issues, systems, theories, principles, and institutions applicable to the United States and the world economy. Students are required to utilize previously learned skills in working with graphs, charts, statistics, and economic equations. A research project, simulation, discussion of current events, and supplemental readings are utilized.

AP Microeconomics							277016
MHS, THS	12	5	None	AP	Econ	G	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy.

AP Macroeconomics							277116
BCHS, LHS, MHS	12	5	None	AP	Econ	G	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics.

U.S. Government						270300
BCHS, LHS, MHS, THS	12	5	None	Gov		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable

This semester-long course gives students a comprehensive understanding of the institutions of American government and the Constitution. An examination of state and local government provides students with analytical skills necessary for the study of local issues and policies. An emphasis is placed on preparing students for voting privileges, assuming responsibility of citizenship, and participation in community activities. **This course meets the District graduation requirement, but not UC/CSU "a-g" requirements.**

U.S. Government CP						270310
BCHS, LibHS, LHS, MCHS MHS, PRHS, THS	12	5	None	Gov	A	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This semester-long course gives students a comprehensive understanding of the institutions of American government and the Constitution. An examination of state and local government provides students with analytical skills necessary for the study of local issues and policies. An emphasis is placed on preparing students for voting privileges, assuming responsibility of citizenship, and participation in community activities.

AP U.S. Government and Politics							277316
BCHS, LHS, MHS, THS	12	5	None	AP	Gov	A	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

The Advanced Placement Government program is intended for students who want to complete the equivalent of a one-semester college introductory course in American Government and Politics. Students engage in an intense study of the constitutional foundation of American government; the citizen base of politics; political parties and interest groups; the institutions of the national government; the policy-making process; and civil rights and civil liberties. This class requires extensive reading, writing, and research.

California Studies							275810
LHS	10-12	10	None	Elective	*		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G		Repeatable

California Studies is a survey of the historical development of California from its earliest times to the present. The course provides an overview of both the physical characteristics and the diverse peoples of California and how they interacted and influenced the history of the state and its economic, social, cultural, and political institutions. At the completion of this course students will have a broad understanding of the most important ideas, personalities, movements, and events in California history. Students will also gain skills in analytical thinking, reading, and writing and learn to analyze and interpret primary and secondary sources of history.

Cultural Studies							275910
BCHS, LHS, MHS, THS	10-12	10	None	Elective	*		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G		Repeatable

This course encourages cultural understanding of how different groups have struggled and worked together, highlighting core cultural/ethnic studies concepts such as equality, justice, ethnicity and race.

Introduction to American Law & Order							272010
BCHS, LHS, MHS, THS	10-12	10	None	Elective	G		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G		Repeatable

This course provides practical information and problem-solving opportunities regarding the law. Students develop both knowledge of the law and skills necessary for living, understanding, and participating in our law based society. Students engage in active learning experiences such as mock trials, moot courts, role play, case studies, simulations and small group exercise. Students explore the definition of law, citizen rights and responsibilities under the law, learn methods of dispute resolution, as well as identify and analyze public issues. Exploration of legal careers will be a theme throughout the course.

Psychology CP							271410
LibHS, THS	11-12	10	None	Elective	G		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G		Repeatable

Students study the basic principles of psychology which help them deal more effectively with themselves and their environment. Emphasis is placed on practical or applied psychology.

Psychology CP							271610
BCHS, LHS, MHS, PRHS	11-12	5	Co-Req 271510	Elective	G		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G		Repeatable

Students study the basic principles of psychology which help them deal more effectively with themselves and their environment. Emphasis is placed on practical or applied psychology. Paired with Sociology CP (271510).



Sociology CP						271510
BCHS, LHS, MHS, PRHS	11-12	5	Co-Req 271610	Elective	G	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

Sociology studies man from the viewpoint of how living in a society affects the individual as well as how the individual affects society. Through class discussions, teacher lectures, classroom demonstrations, and outside readings, a variety of social issues, including suicide and cults, are investigated. Paired with Psychology CP (271610).

AP Psychology							277616
BCHS, LHS, MHS, THS	11-12	10	None	AP	Elective	G	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

The Advanced Placement Psychology course is designed to give students the opportunity to earn up to three units of college credit. The accelerated course teaches ethics and research methods used in psychological science and practice. AP Psychology mirrors the standard introductory college-level course. Students are strongly encouraged to take the AP exam.

# Special Education



## Certificate Pathway

Life Skills English 1						88466x
BCHS, LHS, MHS, THS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is designed to provide students skills in basic English sentence structure, punctuation, capitalization and grammar. Students will write, speak, and read a wide variety of literary works. The focus is to develop the essential skills needed to meet academic content standards and improve reading, writing, listening and speaking skills for life. Placement is recommended by the IEP team. Course number is dependent upon the program.

Life Skills English 2						884762
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is designed to build upon the fundamentals of writing skills obtained in English 1. Students will complete reports and learn to write stories, letters, business documents and different essays. Students will gain skills in revising and editing their work. Students will also read American literature. Placement is recommended by the IEP team.

Career English						881062, 881065
BCHS, LHS, MHS	9-12	10		Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

Students learn how to write business letters, memos, resumes, and to fill out related forms. Students create a portfolio which includes: resume, business letter, a project based on their community service, work experience, and a vocational journal. Placement is recommended by the IEP team.

Life Skills Math 1						88356x
BCHS, LHS, MHS, THS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is designed to provide students skills in basic computing. The focus is on addition, subtraction, multiplication, division, money, and measurement. Placement is recommended by the IEP team.

Life Skills Math 2						88366x
BCHS, LHS, MHS, THS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is designed to provide students skills in basic computing and functional math. The focus is on applications for independent living skills requiring computing, budgeting and money management skills. Placement is recommended by the IEP team.

Life Skills Science 1 – Physical and Earth Science						884160
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This is an integrated course introducing concepts in Physical and Earth with an emphasis on life skills and safety. Placement is recommended by the IEP team.

Life Skills Science 2 – Biology & Anatomy					88446x	
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This is an integrated course introducing concepts with an emphasis on life skills and safety. Placement is recommended by the IEP team.

The World & You					88146x	
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is a life skills based learning course that requires students to learn practical skills necessary to independently handle the duties and responsibilities of citizenship and living in the United States. Placement is recommended by the IEP team.

U.S. History					270962	
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

Students study major turning points in U.S. history in the 20th century. They trace the change in ethnic composition of society; movement toward equal rights for racial minorities & women; and role of the U.S. as a major world power. An emphasis is placed on the expanding role of the federal government and courts as well as the continuing tension between the individual and the state. Placement is recommended by the IEP team.

Consumer Economics					88156x	
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is a life skills based learning course that requires students to learn the practical skills necessary to responsibly handle financial aspects of life, gain an understanding of common economic terms, concepts and economic reasoning as they apply to daily living. Placement is recommended by the IEP team.

Career Exploration					88016x	
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This is a school and work-based learning course where students participate in assignments on campus and in the community. Students assess their interests, strengths, and weaknesses related to specific occupations and careers. Students participate in tours, job shadowing, exploratory work experience, and service learning activities. Placement is recommended by the IEP team.

Career Preparation					88116x	
BCHS, LHS, MHS, THS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This is a work-based learning course that requires students to participate in work-based assignments on campus and in the community. Students develop the ability to assess their own interests, strengths, and weaknesses related to specific occupations and career pathways. Placement is recommended by the IEP team.

Community Service/Service Learning					88126x	
BCHS, LHS, MHS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

Students have opportunities to serve their community through volunteer work (non-paid). Placement is recommended by the IEP team.

Personal Management 1 - 4					882xxx	
BCHS, LHS, MHS, THS	9-12	10	None	Elective	N	Certificate
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

These classes focus on practical application of daily living skills, self-help and communication skills in readiness for adult life in the community. Students develop basic knowledge related to personal health, goal setting, time management and organizational strategies. Emphasis is placed on interpersonal skills, communication skills, lifestyle choices and problem solving. During junior and senior year, students begin to focus on self-advocacy, managing finances, goal setting, post-secondary decisions, as well as planning for a career. Placement is recommended by the IEP team.

Study Skills					880xxx	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Elective	N	Both
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is designed to provide students with the support required to assist them with assignments and organizational skills necessary for their progress and success in general education classes. Individual and small group instruction may be provided as needed for academic interventions. Placement is recommended by the IEP team.

## Diploma Pathway

Essentials English Language Arts					887800	
BCHS, LHS, MHS, THS*	9-10	10; THS 20	None	English	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This is a year-long course focusing on reading and writing. Students will review and practice the major concepts presented in a California State Standards based English course. This course is designed to meet California English standards for students with an Individual Education Program, and satisfies 10 credits of the English graduation requirement. Placement is recommended by the IEP team. \*Course is 20 credits (two period block) at Tokay High School; Students earn 10 credits for English graduation requirements and 10 elective credits.

Essentials Literature and Expository Writing					887700	
BCHS, LHS, MHS	9-10	10; THS 20	None	English	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This is a year-long course focusing on reading and writing, students will review and practice the major concepts presented in a California State Standards based English course. This course is designed to meet California English standards for students with an Individual Education Program, and satisfies 10 credits of the English graduation requirement. Placement is recommended by the IEP team. \*Course is 20 credits (two period block) at Tokay High School; Students earn 10 credits for English graduation requirements and 10 elective credits.

Essentials Creative Writing					884800	
BCHS, LHS, MHS, THS	11-12	10	None	English	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores different genres of writing and is designed for SDC diploma path students in the 11<sup>th</sup> or 12<sup>th</sup> grade. Enrollment in this class is based on IEP recommendation. This course satisfies 10 credits of the English graduation requirement.

Essentials Literature on Film						885900
BCHS, LHS, MHS	11-12	10	None	English	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores both literature in written form and literature on film. This course is designed for SDC diploma path students in the 11<sup>th</sup> or 12<sup>th</sup> grade. Enrollment in this class is based on IEP recommendation. This course satisfies 10 credits of the English graduation requirement.

Essentials Algebra A						882800
BCHS, LHS, MHS, THS	9-12	10	None	Math	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores algebra concepts and is a year-long course. This course is designed for SDC diploma path students in grades 9 – 12. Enrollment in this class is based on IEP recommendation. This course satisfies 10 credits of the math graduation requirement. Students need to complete both Essentials of Algebra A and Essential of Algebra B to satisfy the algebra requirement for a high school diploma.

Essentials Algebra B						882900
BCHS, LHS, MHS, THS	9-12	10	Successful completion (C or better) of 882800	Math	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores algebra concepts and is a year-long course. This course is designed for SDC diploma path students in grades 9 – 12. Enrollment in this class is based on IEP recommendation. This course satisfies 10 credits of the math graduation requirement. Students need to complete both Essentials of Algebra A and Essential of Algebra B to satisfy the algebra requirement for a high school diploma.

Essentials World History						885500
BCHS, LHS, MHS	10-12	10	None	World History	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores world history events and is designed for SDC diploma path students in grades 10 – 12. Enrollment in this course is based on IEP recommendation. This course satisfies the world history requirement for a high school diploma.

Essentials U.S. History						885600
BCHS, LHS, MHS, THS	10-12	10	None	U.S. History	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

Students study the major turning points in American history in the 20<sup>th</sup> century. They trace the change in the ethnic composition of American society, the movement toward equal rights for racial minorities and women, and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and courts, as well as the continuing tension between the individual and the state. Placement is recommended by the IEP team.

Essentials American Government						885700
BCHS, LHS, MHS	10-12	5	None	Government	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores foundations of American Government and is designed for SDC diploma path students in grades 10 – 12. This is a semester course and enrollment in this course is based on IEP recommendation. This course satisfies the American Government requirement for a high school diploma.

Essentials Economics						885800
BCHS, LHS, MHS	10-12	5	None	Economics	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores concepts of Economics and is designed for SDC diploma path students in grades 10 – 12. This is a semester course and enrollment in this course is based on IEP recommendation. This course satisfies the Economics requirement for a high school diploma.

Essentials Earth Science						884900
BCHS, LHS, MHS	10-12	10	None	Physical Science	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores earth and physical science and is designed for SDC diploma path students in grades 10 – 12. This is a year-long course and enrollment in this course is based on IEP recommendation. This course satisfies the Physical Science requirement for a high school diploma.

Essentials Biology						884300
BCHS, LHS, MHS, THS	10-12	10	None	Life Science	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course explores biology and life science, and is designed for SDC diploma path students in grades 10 – 12. This is a year-long course, and enrollment in this course is based on IEP recommendation. This course satisfies the life science requirement for a high school diploma.

Essentials Health and Family Living						889500
BCHS, LHS, MHS, THS	9-12	10	None	9th Grade Pathway	Y	Diploma
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

The overall objective of Health is to help students sharpen their judgment as they consider health issues and learn how to apply decision-making skills to their own lives. Students will realize with factual information they will be able to make healthier decisions. The overall objective of Family Living is to better understand the different aspects of family life and to see these dimensions of life in a family, to identify how individual values and goals are influenced by self-concept, other family members, peers, cultural and economic backgrounds, society and mass media, and to identify the responsibility individuals have for the care and nurturing of each other.

Study Skills						880662
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Elective	N	Both
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable	Cert/Diploma

This course is designed to provide students with the support required to assist them with assignments and organizational skills necessary for their progress and success in general education classes. Individual and small group instruction may be provided as needed for academic interventions. Placement is recommended by the IEP team.



# Visual and Performing Arts



Art 1 CP						285010	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12	10	None	Fine Art, Lang, CTE	F	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This is an introductory art course. This course is an overview of basic drawing, painting, sculpture, and printmaking. Each of these areas of study are examined for one quarter. Design, composition, and problem solving within the arts are emphasized. Art History is included and introduced, as it is relevant to the assigned projects.

Art 2 CP						285110	
BCHS, LHS, MHS, PRHS, THS	10-12	10	Successful completion (C or better) of 285010	Fine Art, Lang, CTE	F	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is a continuation of Introduction to Art, elaborating on the basic elements. Work in this class is based specifically on classical elements of art: line, shape, texture, color, and value. Other projects involve the principles of art: balance, unity, rhythm, and selectivity. Watercolor, pen and ink, silk-screening, along with collage and three-dimensional work is included.

Art 3 CP						285215	
BCHS, LHS, MHS, PRHS, THS	11-12	10	Successful completion (C or better) of 285110	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This art class is designed for students with a strong interest in art. Advanced drawing techniques, watercolor, and oil painting media will be investigated. A more in-depth examination of sculpture and printmaking will be offered. This course may be repeated for credit.

AP Art History						292016	
THS	10-12	10	None	AP	Fine Art, Lang, CTE	F	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

AP Art History is an introduction to interpreting and analyzing the visual arts. The main goal of the course is to help students understand and appreciate key examples of architecture, sculpture, and painting as evidence in history.

AP Studio Art Drawing Portfolio						287216	
LHS, MHS	11-12	10	Successful completion (B or better) of 285215	AP	Fine Art, Lang, CTE	N	
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	Repeatable	

This course is designed to address a broad interpretation of drawing issues and media. The course emphasizes making art as an on-going process that involves the student in informed and critical decision making. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues addressed through a variety of means. Works may include painting, printmaking and mixed media, as well as abstract, observational, and inventive works. This course meets the graduation requirement and the UC and CSU Visual and Performing Arts requirement. Prerequisite: Advanced Art with a grade of "B" or better, portfolio review and instructor recommendation. LHS: Prerequisite: Advanced Art with a grade of "B" or better. Portfolio review and instructor recommendation required for students not meeting the Prerequisite.

AP Studio Art 2D Design Portfolio							285316
LHS, MHS	11-12	10	Successful completion (B or better) of 285215, 280515, or 286010	AP	Fine Art, Lang, CTE	F	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This course addresses a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The variety of art forms include graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting and printmaking. A variety of approaches of representation, abstraction, and expression are covered. Portfolio review and instructor recommendation required for students not meeting the Prerequisite.

AP Studio Art 3D Design Portfolio							285416
LHS, MHS	11-12	10	Successful completion (B or better) of 280015	AP	Fine Art, Lang, CTE	F	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This is a 3-D Design class for the serious art student. The Advanced Placement Art Program is designed for students with a strong art background who seek the challenge of a college-level course. Portfolio review and instructor recommendation required for students not meeting the Prerequisite.

Band 1 CP					238010	
BCHS, LHS, MHS, THS	9-12	10; THS 15	None	Fine Art, Lang, CTE	F	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This is an individualized instruction course on a standard band instrument. This course is designed for students with little or no experience or for desiring to learn a second band instrument. Evening performances are required of students at Tokay High School.

Ceramics 1 CP					280010	
BCHS, LHS, MHS, THS	9-12	10	None	Fine Art, Lang, CTE	F	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course introduces clay work. Students make projects using pinch, coil, slab, sculpture techniques, and the potter's wheel. Creative expression is developed through the study of art techniques and traditions of various cultures.

Ceramics 3 CP					280015	
BCHS, LHS, MHS, THS	10-12	10	Successful completion (C or better) of 280010	Fine Art, Lang, CTE	F	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

Ceramics advanced provides the opportunity and direction to pursue a variety of complex wheel thrown & hand built projects. Greater exploration of surface techniques is included. The cultural/historical aspects of ceramic art are incorporated throughout the course. Prerequisites: Successful completion of Ceramics 1 CP.

Children’s Theatre CP					291510	
THS	10-12	10	Successful completion (C or better) of 291110	Fine Art, Lang, CTE	F	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course will build on and develop more in-depth skills from Theatre Arts 1, including theater games and exercises, improvisation, pantomime, acting, and playwriting, all focused on performing for children. We will also practice puppetry, storytelling, making masks, costuming, set construction, makeup, and even technical theater. Ultimately, these skills will help students to design, direct, produce, and run Children's Theatre productions to be performed for the students and families of the Lodi Unified School District.

Choir 1 CP						230410	
BCHS, LHS, MHS, THS	9-12	15	None	Fine Art, Lang, CTE	F	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Members of this chorus perform beginning level literature from various selected eras of musical histories. In addition to the techniques of rehearsal and performance, the student learns the theory and history of the music performed.

**Attendance and participation at all rehearsals & performances is mandatory.**

Choir 2 CP						230510	
BCHS, LHS, MHS, THS	10-12; LHS, MHS 9-12	15	Successful completion (C or better) of 230410	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

The chorus performs intermediate, and advanced level literature from various selected eras of music histories. In addition to the techniques of rehearsal and performance, the students learn the theory and history of the music performed. The director schedules required performances. **Attendance and participation at all rehearsals & performances is mandatory.**

Choir 3 CP						230515	
BCHS, LHS, MHS, THS	9-12; THS 11-12	15	Successful completion (C or better) of 230510	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Members of this chorus perform intermediate and advanced level literature from various selected eras of musical histories. In addition to the techniques of rehearsal and performance, the students learn the theory and history of the music performed. **Audition and approval of the instructor required. Attendance and participation at all rehearsals & performances is mandatory.**

Dance 1: Intro to Dance CP						235510	
THS, MCHS	9-12	10	None	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Students are introduced to eight different styles of dance including ballet, modern interpretive, jazz, tap, musical theater, hip hop, ethnic and ballroom. The emphasis in this class is on performance. Lectures and student created portfolios will focus on the history and importance of each dance style.

Dance 2: Dance Choreography CP						235010	
THS	10-12	10	Successful completion (C or better) of 235510	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Further study of dance styles and research in movement to design for class and performance are mandatory for a passing grade.

Dance 3: Performance & Production						235200	
THS	11-12	10	Successful completion (C or better) of 235010	Fine Art, Lang, CTE		Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable	

This course promotes advanced dance skill in style and design. Students work on production of shows, e.g. programs, stage setting, flyers, announcements, lighting, and sound design.

Graphic Design 1 CP						285910	
BCHS, LibHS, LHS, MHS, PRHS, THS	9-12; LHS 10-12	10	None	Fine Art, Lang, CTE	F	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is a beginning level computer art and design class. Students study computer painting and drawing techniques, color theory, composition, typography and digital imaging. Students produce posters, package designs, brochures, ads and logos. Website design and basic animation techniques may be covered in the second semester.

Graphic Design 3 CP						286010	
BCHS, LHS, MHS	10-12	10	Successful completion (C or better) of 285910	Fine Art, Lang, CTE	N		
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable		

This course is an advanced level computer art and design class. Students build on what was learned in Graphic Design and extend knowledge of color theory, composition, typography, computer painting and drawing techniques. Projects include posters, package designs, logos, ads and brochures which may have direct job applications. Web design may be included.

Graphic Design CTE						575175	
LTA	11-12	20	None	Fine Art, Lang, CTE	F	N	Graphic Design Capstone
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	CTE Pathway

This course is a CTE computer art and design class following the CTE Model Standards. Students study computer painting and drawing techniques, color theory, composition, typography and digital imaging. Students produce posters, package designs, brochures, ads and logos. Students will learn website design and basic animation techniques. This course also focuses on careers in the graphic production pathway.

Guitar Introduction						238510	
LibHS	9-12	10	None	Fine Art, Lang, CTE	F	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This class will teach you how to read music. You will then apply your knowledge of music to the guitar. By the end of the year, with practice, you will be able to read simple chord progressions and learn different styles of strumming and picking. An acoustic guitar is required.

Jazz Ensemble CP						230110	
BCHS, LHS, THS	9-12	15	Concurrent enrollment in 238610, 238210, or 230310	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This is primarily a performing organization. Emphasis is placed on performing a variety of standard jazz styles, applying music theory in jazz performance and improvisation. Attendance and participation at all rehearsals and performances is mandatory. Concurrent enrollment in Symphonic Band, Wind Ensemble, or Orchestra is required.

Oral Interpretation/Performing Arts CP						290210	
BCHS	9-12	10	None	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Oral Interpretation is one of the oldest of human social activities - a speaker gives life to words on a page. Students analyze the meaning behind words of poetry, prose and dramatic literature, respond to the sensory information of the literature, and use the voice and body to share with others. Students learn appreciation for literature in its varied forms and develop skills for presentation.

Orchestra CP						230310	
BCHS, LHS, MHS, THS	9-12	10; MHS, THS 15	None	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is devoted primarily to learning and performing folk, popular, and classical music for string ensembles. Students build technical skills and musical awareness that apply to the literature. The orchestra performs at concerts, music festivals, civic functions, etc. Attendance and participation at all rehearsals, and performances is strongly encouraged (mandatory at McNair and Tokay).

Percussion Ensemble						232810	
THS	9-12	15	Instructor approval	Fine Art, Lang, CTE	Y		
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	Repeatable		

This is primarily a performing organization. Entrance is by instructor approval only. The percussion ensemble may perform at many events. Members will perform whenever the band performs in its many fall and spring events, but will also perform as a separate entity with emphasis placed on mastery of percussion-specific literature. Members are required to participate in all performances of the percussion ensemble. Percussion students are required to participate in rehearsals and performances outside of the normal school hours, but are compensated with more credits towards graduation.

Photography 1 CP						280510	
BCHS, LHS, MHS, THS	10-12; MHS 9-12	10	None	Fine Art, Lang, CTE	F	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course concentrates on the production of high-quality, color and black and white photography, with an emphasis on exhibition work. Film/Photo developing, enlarging, darkroom procedures (including digital), camera usage, lighting techniques, and other technical information are presented through lecture, demonstration, and student activities.

Photography 3 CP						280515	
BCHS, LHS, MHS, THS	11-12; MHS 10-12	10	Successful completion (C or better) of 280510	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Students in this course continue to explore and improve upon the techniques learned in Photography I. There is increased opportunity to pursue special projects and alternative processes, including both silver-based photography and digital imaging.

Piano 1 CP						238410	
LHS, MHS, THS	9-12	10	None	Fine Art, Lang, CTE	F	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This class is for beginners. Students learn basic piano techniques as well as music theory.

Piano 3 CP						238415	
LHS, MHS, THS	10-12	10	Successful completion (C or better) of 238410	Fine Art, Lang, CTE	F	Y	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Students continue learning piano techniques as well as music theory.

Sculpture CP						281210
BCHS, MHS	9-12; BCHS 10-12	10	None	Fine Art, Lang, CTE	F	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course is an introduction to design and sculptural techniques to create three-dimensional art forms. Students explore a variety of 3-D art forms and use numerous materials to create finished artwork. Art history is incorporated as a point of influence for the students' work. Adherence to safety procedures is a requirement due to equipment, materials, and freedom necessary in the classroom.

Stage Production/Play Production CP						290010
BCHS, MHS, THS	9-12	10	MHS only: Successful completion (C or better) of 291110	Fine Art, Lang, CTE	F	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course is an exploration and practical usage of theater technology and play production. Students are involved in one or more of the following aspects of theater: set design and construction, make-up, properties management, stage management, technical theater including lights and sound, costume design and performance.

Symphonic Band CP						238610
BCHS, LHS, MHS, THS	9-12	15	Successful completion (C or better) of 238010 or instructor permission	Fine Art, Lang, CTE	F	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This is primarily a performing organization. This ensemble performs at competitions, festivals, concerts, and athletic events. Additional after school rehearsals are required. (Private lessons are highly encouraged in order to maintain a proper performance level for this course). **Attendance and participation at all rehearsals, and performances is mandatory.**

Symphonic Band Marching						238210
LHS, THS	10	15	successful completion (C or better) of 238010 or instructor permission	PE		N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		Repeatable

This is primarily a performing organization. This ensemble performs at competitions, festivals, concerts, and athletic events. Additional after school rehearsals are required. (Private lessons are highly encouraged in order to maintain a proper performance level for this course). This course is intended for sophomores as an alternative way to meet the second year of physical education requirement. **Attendance and participation at all rehearsals, and performances is mandatory.**

Theatre Arts 1 CP						291110
LHS, MHS, THS	9-12	10	None	Fine Art, Lang, CTE	F	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course introduces students to all aspects of theater production. Students study acting techniques, improvisation, storytelling, pantomime, dramatization, and characterization, as well as writing simple play scripts, studying literature of the theater, history and play production. Students are expected to participate in all class projects. Students are required to see one play per quarter.

Theatre Arts 2 CP						291210
LHS, MHS, THS	10-12	10	Successful completion (C or better) of 291110	Fine Art, Lang, CTE	F	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course emphasizes advanced acting techniques, theater history, theater careers, and play production. Students are given the opportunity to collaborate with other students in the development of dialogue and movement, and study the basic principles of theater direction: director's intent, script interpretation, various styles represented by a wide range of ethnically diverse playwrights; and dramatic and literary analysis. The course emphasizes play production and in-depth analysis of plays and scenes. Students are expected to participate in all class assignments and prepare portfolios and production books. Students are asked to rehearse outside of class time and are required to see one play per quarter. Prerequisite: Successful completion of Theatre Arts 1 CP.



Theatre Arts 3 CP					291315	
LHS, MHS, THS	11-12	10	Successful completion (C or better) of 291210	Fine Art, Lang, CTE	F	Y
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable

This course is a review, extension, and enrichment of topics studied in Theatre Arts 2. Students combine a study of major historical changes and various elements of theater and drama with performances of monologues and duet scenes. It continues to emphasize advanced acting techniques, theater history, and play production. Students are given the opportunity to collaborate with other students in the development of dialogue and movement and study the basic principles of theater direction: director's intent; script interpretation; various styles represented by a wide range of ethnically diverse playwrights; and dramatic and literary analysis. Prerequisite: Successful completion of Theater Arts 2 CP.

# World Languages



French 1 CP						220410	
BCHS, LHS, MHS, THS	9-12	10	None	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted partially in French and is designed to develop basic listening, speaking, reading, writing, grammar and vocabulary skills. Students will be introduced to social, cultural, and historical aspects of Francophone communities.

French 2 CP						220415	
BCHS, LHS, MHS, THS	9-12	10	Successful completion (C or better) of 220410	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted mostly in French and is designed to develop intermediate listening, speaking, reading, writing, grammar, and vocabulary skills. Students will be exposed to social, cultural, and historical aspects of Francophone communities.

French 3 CP						220510	
LHS, MHS, THS	10-12	10	Successful completion (C or better) of 220415	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted primarily in French and is designed to develop advanced listening, speaking, reading, writing, grammar, and vocabulary skills. Students will be exposed to social, cultural, and historical aspects of Francophone communities.

French 4 CP						220515	
LHS, THS	11-12	10	Successful completion (C or better) of 220510	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Students further their development in mastery of the language by intensive review of grammar and by communicating in the target language. Frequent writing projects and essays may be utilized to perfect the student's writing skills. Students may engage in a variety of projects requiring research (travel, geography, culture, history, current events, and film).

AP French Language & Culture						227016	
LHS	11-12	10	Successful completion (C or better) of 220510 or 220515	AP	Fine Art, Lang, CTE	E	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This course will be conducted almost entirely in French, and is designed to provide intensive practice for students to elevate their level of proficiency and pass the AP language exam. This class is comparable to college courses that focus on speaking and writing at an advanced level. The course content will reflect a variety of academic and cultural topics. Materials include resources in the form of recordings, films, newspapers and magazines.

German 1 CP						220010	
LHS	9-12	10	None	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted partially in German and is designed to develop basic vocabulary, listening, reading, grammar, and speaking skills. Students will be exposed to cultural and historical aspects of German-speaking countries.

German 2 CP						220015	
LHS	10-12	10	Successful completion (C or better) of 220010	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted mostly in German and is designed to develop intermediate listening, speaking, reading, writing, grammar, and vocabulary skills. Students will be exposed to social, cultural, and historical aspects of German communities.

German 3 CP						220110	
LHS	11-12	10	Successful completion (C or better) of 220015	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted primarily in German and is designed to develop advanced vocabulary, listening, reading, grammar, and speaking skills. Students will learn cultural and historical aspects of German-speaking countries.

Italian 1 CP						220210	
BCHS	9-12	10	None	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This class is designed to give students immediately useful language skills. Communication skills are taught through meaningful interaction among students, activities, and games. In addition, listening, reading, and writing skills are practiced. Students are introduced to Italian-speaking culture through slides, videos, games and activities.

Italian 2 CP						220215	
BCHS	10-12	10	Successful completion (C or better) of 220210	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Italian II continues with the ideas emphasized in Italian I. Students work more on reading, writing, and listening skills based on new vocabulary and language structures. Students experience the language itself and Italian-speaking cultures through music, projects, and games, plus through visual reinforcement such as slides and videos. This class is conducted in Italian.

Italian 3 CP						220310	
BCHS	11-12	10	Successful completion (C or better) of 220215 or instructor permission	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Students work on communication and writing skills through discussions, presentations, projects, videos, plays, and literature. Italian literature, history, and current events are used as a basis for practicing these skills. Language structures are reviewed and/or introduced as needed. This class is conducted in Italian.

AP Italian Language & Culture						220216	
BCHS	11-12	10	successful completion (C or better) of 220310 or instructor permission	AP	Fine Art, Lang, CTE	E	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This course will be conducted almost entirely in Italian, and is designed to provide intensive practice in Italian for students to elevate their level of Italian proficiency and pass the AP Italian language exam. This class is comparable to college and university courses that focus on speaking and writing in Italian at an advanced level. The course content will reflect a wide variety of academic and cultural topics. Materials will include authentic resources in the form of recordings, films, newspapers and magazines.

Japanese 1 CP						221610	
THS	9-12	10	None	Fine Art, Lang, CTE		E	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		A-G	Repeatable

This class is designed to give the student immediately useful language skills. This course focuses on oral language and the reading and writing of basic Japanese characters. Communication skills are taught through meaningful interaction among students, activities and games. Students are introduced to the Japanese-speaking culture through videos, games and activities.

Japanese 2 CP						221615	
THS	10-12	10	Successful completion (C or better) of 221610	Fine Art, Lang, CTE		E	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		A-G	Repeatable

Japanese II continues with the ideas emphasized in Japanese I. Students work more on reading, writing, and listening skills based on new vocabulary and language structures. Students experience the language itself and Japanese-speaking cultures through music, projects, and games, plus through visual reinforcement such as slides and videos. This class is conducted in Japanese.

Japanese 3 CP						221710	
THS	11-12	10	successful completion (C or better) of 221615 or instructor permission	Fine Art, Lang, CTE		E	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		A-G	Repeatable

Students work on communication and writing skills through discussions, presentations, projects, videos, plays, and literature. Japanese literature, history and current events are used as a basis for practicing these skills. Language structures are reviewed and/or introduced as needed. This class is conducted entirely in Japanese.

Japanese 4 CP						221715	
THS	12	10	successful completion (C or better) of 221710 or instructor permission	Fine Art, Lang, CTE		E	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		A-G	Repeatable

This course will be conducted primarily in Japanese and is designed to develop skills through discussions, presentations, projects, videos, and plays. Students will improve the ability to effectively communicate in Japanese and will gain a deeper understanding of Japanese culture.

Spanish 1 CP						220610	
BCHS, LHS, MHS, THS	9-12	10	None	Fine Art, Lang, CTE		E	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		A-G	Repeatable

This course is conducted partially in Spanish and is designed to develop basic listening, speaking, reading, writing, grammar, and vocabulary skills. Students will be exposed to social, cultural, and historical aspects of Spanish-speaking countries. It is designed to introduce non-native Spanish speakers to the Spanish language and Spanish speaking cultures.

Spanish 2 CP						220615	
BCHS, LHS, MHS, THS	9-12	10	Successful completion (C or better) of 220610 or instructor permission	Fine Art, Lang, CTE		E	N
Offered At	Grades	Credits	Pre/Co-Req	Grad Req		A-G	Repeatable

This course is conducted mostly in Spanish, and is designed to develop intermediate listening, speaking, reading, writing, grammar and vocabulary skills. Students will learn cultural and historical aspects of Spanish-speaking countries.

Spanish 3 CP						220710	
BCHS, LHS, MHS, THS	9-12	10	Successful completion (C or better) of 220615 or instructor permission	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted primarily in Spanish, and is designed to develop advanced listening, speaking, reading, writing, grammar and vocabulary skills. Students will learn cultural and historical aspects of Spanish-speaking countries.

Spanish 4 CP						220715	
BCHS, LHS	9-12	10	Successful completion (C or better) of 220710 or instructor permission	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

Students further their development in mastery of the language by intensive review of grammar and by communicating in the target language. Students develop more sophisticated writing strategies in both interpersonal and presentational modes as they present information, share persuasive arguments and publish their work in culturally appropriate ways. Students may engage in a variety of projects requiring research (travel, geography, culture, history, current events, and film). Students expand their awareness of the Spanish-speaking world through contemporary and literary-based readings, as well as current events and internet findings.

AP Spanish Language & Culture						227516	
BCHS, LHS, MHS, THS	11-12	10	Successful completion (C or better) of 220615 or 222515	AP	Fine Art, Lang, CTE	E	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This course will be conducted almost entirely in Spanish, and is designed to provide intensive practice in Spanish for students to elevate their level of Spanish proficiency and pass the AP Spanish language exam. This class is comparable to college and university courses that focus on speaking and writing in Spanish at an advanced level. The course content will reflect a wide variety of academic and cultural topics. Materials will include authentic resources in the form of recordings, films, newspapers, and magazines.

AP Spanish Literature & Culture						227616	
LHS, THS	11-12	10	Successful completion (C or better) of 220615 or 222515	AP	Fine Art, Lang, CTE	E	N
Offered At	Grades	Credits	Pre/Co-Req	AP/H	Grad Req	A-G	Repeatable

This course will be conducted entirely in Spanish, and will provide students with the necessary resources and skills practice in order to pass the AP Spanish literature exam. It is designed to provide students with intensive instruction in authentic Spanish literature for analyzing and interpreting the required genres. This class is comparable to college and university courses that focus on reading and writing in Spanish at an advanced level. The course content will reflect a wide variety of academic and cultural topics and include selections from Peninsular and Latin American literary texts.

Spanish for Native Speakers 1 CP						222510	
BCHS, LHS, THS	9-12	10	Native speaker of Spanish	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted entirely in Spanish. It is designed to develop Spanish language skills and critical thinking through the reading of a variety of literary selections. Students will write in a variety of modes and will engage in formal and informal discussion and conversations. Students will practice listening comprehension and work on vocabulary development. Cultural and historical aspects will be explored in order to enhance students' awareness of the Hispanic and global community.

Spanish for Native Speakers 2 CP						222515	
BCHS, LHS, THS	9-12	10	Successful completion (C or better) of 222510 or instructor permission	Fine Art, Lang, CTE	E	N	
Offered At	Grades	Credits	Pre/Co-Req	Grad Req	A-G	Repeatable	

This course is conducted entirely in Spanish. It is designed to develop advanced Spanish language skills and critical thinking through the reading of a variety of literary selections. Students will write in a variety of modes and will engage in formal and informal discussions and conversations. Students will practice listening comprehension and work on vocabulary development. Cultural and historical aspects will be explored in order to enhance students' awareness of the Hispanic and global community. This course will help prepare students for the AP Spanish courses. This course is comparable to college and university courses that focus on writing and speaking in Spanish at an advanced level.



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