

2018 - 2019

LODI UNIFIED SCHOOL DISTRICT
***High School Course Catalog and
College and Career Planning Guide***



Bear Creek High School



Independence School



Liberty High School



**Lincoln Technical
Academy**



Lodi High School



**Middle College
High School**



**Plaza Robles
High School**



**Walter J. Katnich
School**



**Ronald McNair
High School**

**Educating Students
for Success**



Tokay High School

LODI UNIFIED SCHOOL DISTRICT

COURSE CATALOG AND COLLEGE AND CAREER PLANNING GUIDE

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9-12 Online

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Travel Independent Study

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LINCOLN TECHNICAL ACADEMY

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INTRODUCTION

Our goal 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 describes the programs at Bear Creek High, Independence School, Liberty High, Lincoln Technical Academy, Lodi High, Middle College High, Plaza Robles High, Ronald McNair High and Tokay High. The introductory pages discuss the district graduation requirements and site enrollment requirements. There is also information about college entrance requirements and other district programs. The courses are described departmentally with notations for which high schools offer these programs.

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

If questions occur, guidance counselors are available to advise students and parents. Please contact your counselor at the school site any time during the registration process for assistance (see pages 1-2). You may be asked to leave a message but someone will get back to you.

COURSE SELECTION 2018-2019

It is imperative that students adhere to the guidelines listed below when selecting their courses for the 2018-2019 school year. We ask that students:

1. Read carefully the instructions on the course selection form before starting to make course selections.
2. Review transcripts and complete or revise their four-year educational plan. Students must complete all graduation and enrollment requirements. In addition, they should select courses that support their plans for college and other post secondary options.
3. Consider the recommended pathway for the courses selected. If courses require teacher permission, students must obtain proper signatures on course selection forms and must follow the applications, try-outs, or placement procedures for designated courses.
4. Complete course selections, obtain parent or guardian signatures, 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. Students may also access this catalog on the district web page www.lodiUSD.net.

<p>Teaching staff needs for the 2018-2019 school year will be based upon the data gathered from course selection forms. The number of students requesting each course offered will be a key part of determining which courses will be offered and the number of teachers needed to teach these courses. Therefore, students should plan and select courses carefully. Per District Policy, there is a limited window of time for course changes once the school year has begun.</p>
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LUSD GRADUATION REQUIREMENTS	UC and CSU ENTRANCE REQUIREMENTS	ENTRANCE TO COMMUNITY COLLEGE
Total Credits to Graduate: 230	"A-G" Requirements	Requirements
10 Credits, Board approved 9 th Grade course(s)	A. Two years History/Social Science to include: One year U.S. History, or one-half year U.S. History and one-half year Civics or U.S. Government and one year World History	<ul style="list-style-type: none"> • High school graduate or equivalent or • 18 years of age or older • Assessment/Placement Test in Reading, Writing, and Mathematics
(10 th) 10 credits World History		
(11 th) 10 credits U.S. History		
(12 th) 10 credits Government/Economics		
40 credits of English	B. Four years College Prep English	
20 credits of Math	C. Three years of math (four years recommended)	
20 credits of Science (10 Life and 10 Physical)	D. Two years lab science (three years recommended), one year from each of two different areas	
10 credits of World Language Or Fine Arts or Career & Technical Education	E. Two years of the same World Language (three years recommended)	
20 credits of Physical Education	F. One year of Visual or Performing Arts or Career & Technical Education	
85 credits of Electives (to 230 credits total)	G. One year of College Prep Elective	
	GPA and test scores (SAT or ACT) to meet combined minimum. SAT II not required for 2012 and beyond (current UC information)	
	High school diploma or transfer from community college	

Note: Course selection sheets will have the finalized list of offerings for the 2018-19 academic year.

EARLY GRADUATION REQUIREMENTS

Students who wish to graduate before the completion of eight semesters must request permission for early graduation from their counselor, their principal, and their parents. 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 with this process.

Bear Creek High School, Lodi High School and Tokay High School students– check with your schools.
Ronald E. McNair students– Apply between May 1st and May 15th at the end of your 11th Grade - Junior year.

LODI UNIFIED SCHOOL DISTRICT

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

Postsecondary Goal: _____ 4 year college/university
 _____ 2 year community college

_____ Vocational/trade school _____ Military
 _____ 2 year community/4 year transfer _____ Other

College Major _____

Career Goal _____

1. Write in grades for the courses you have passed, as well as additional courses taken but not listed on this form.
2. Write in the courses you plan to take in the future.
3. List any counselor-approved or college courses you have completed.
4. Check-off the graduation requirements as you complete them.

***Note:** LUSD strongly recommends a third year of science and math.

9th Grade	Grade/ Credits	10th Grade	Grade/ Credits	11th Grade	Grade/ Credits	12th Grade	Grade/ Credits
*English 9		*English 10		*English 11		*English 12	
*Math		*Math		*Math		Math	
Earth/Physical Science		*Biology		*Lab Science		Lab Science	
Physical Education		Physical Education					
9 th Grade requirement		World History		*U. S. History		Govern/Econ.	
V.A.P.A.		*V.A.P.A.					
*World Language or		*World Language or					
Career & Technical Ed		Career & Technical Ed					
Total Credits		Total Credits		Total Credits		Total Credits	

*Asterisked courses are required for UC admission.

COLLEGE ENTRANCE EXAMS

9 th Grade	10 th Grade	11 th Grade	12 th Grade
PSAT (October)	PSAT (October)	PSAT (October)	SAT I (Oct. – Nov.)
		SAT I (March or April)	SAT II (May or June)
		SAT II (May or June)	ACT (Sept. – Nov.)
		ACT (March or April)	

Preparing for Graduation

9th Grade (Freshman Year)	10th Grade (Sophomore year)	11th Grade (Junior Year)	12th Grade (Senior Year)
<p>Meet with your counselor to discuss your college plans.</p> <p>Make sure you are enrolled in College Prep (CP) and/or Pre-AP (Advanced Placement) courses.</p> <p>Sign up to take the PSAT in October (optional).</p> <p>Start a college search to find out required courses and tests of colleges you might want to attend.</p> <p>Start a calendar with important dates and deadlines.</p> <p>Get involved in extracurricular activities.</p> <p>Attend college fairs.</p> <p>Learn about college costs and how financial aid works.</p> <p>Visit colleges while they are in session.</p> <p>Sign up for Pre-AP or AP courses for the 10th grade</p> <p>Create a personal resume file to save: 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.</p> <p>Research Career Options in your campus College and Career Center.</p>	<p>Review your college plans with your counselor.</p> <p>Ensure you are enrolled in CP, Pre-AP, or AP courses.</p> <p>Enroll in elective classes that align with your career goals.</p> <p>Sign up to take the PSAT in October.</p> <p>Continue your college search to find out the required courses and tests of colleges you might be interested in attending.</p> <p>Continue your calendar with important dates and deadlines.</p> <p>Stay involved in extracurricular activities.</p> <p>Attend college fairs.</p> <p>Continue to research college costs and financial aid.</p> <p>Start preparing to take the SAT test.</p> <p>Visit colleges while they are in session.</p> <p>Sign up for Pre-AP or AP courses for the 11th grade.</p> <p>Update your resume file in Naviance Family Connection.</p> <p>Consider enrolling in Career and Technical Education classes that earn college credit. Please see pages 10 & 11.</p>	<p>Discuss your college plans with your counselor and continue to take CP and AP courses.</p> <p>Enroll in elective and/or CTE Capstone classes that align with your career goals.</p> <p>Sign up early to take the PSAT in October.</p> <p>Continue your college search and begin researching majors and careers.</p> <p>Plan to take the SAT or ACT in the spring. You can take the SAT II.</p> <p>(If you have taken the PSAT you may use the access code on your score report to sign in to College Board's "My College QuickStart," a personalized planning kit to prepare for the SAT.)</p> <p>Continue to prepare for the SAT. (You can take full-length practice tests.)</p> <p>Make a list of colleges and careers that interest you and visit as many colleges as you can.</p> <p>Explore career options in your campus College and Career Center.</p> <p>Prepare for and take the AP Exams to receive credit or placement at most colleges.</p> <p>Plan your senior year class schedule with your counselor.</p> <p>Update your resume file.</p> <p>Consider enrolling in Career and Technical Education classes that earn college credit. Please see pages 10 & 11</p>	<p>Narrow your list of colleges and get applications and financial aid information from each.</p> <p>Enroll in elective and/or CTE Capstone classes that align with your career goals.</p> <p>Update your resume file.</p> <p>Mark your calendar with test dates, fees, application due dates, and financial aid application deadlines.</p> <p>Register for the SAT and/or ACT. Take by December.</p> <p>Ask for recommendations to send with applications.</p> <p>Write application essays and ask teachers, parents and friends to edit.</p> <p>November 1: File your UC and CSU applications.</p> <p>Search for scholarships and ask your counselor about local and state funding sources.</p> <p>Nov. 1- Feb. 15: Send your college applications and have your high school send transcripts. Apply for Cal Grants.</p> <p>Submit your FAFSA/Dream Act Application as soon as possible.</p> <p>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.</p> <p>Take the AP Exams.</p> <p>Consider enrolling in Career and Technical Education classes that earn college credit. Please see pages 10 & 11.</p>

Preparing for College and Career (continued)

PSAT/NMSQT Test

The Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is an important first step towards college. The sooner students start taking the PSAT/NMSQT, the better prepared they will be for the PSAT in 11th grade and for the SAT which is taken in the 11th and 12th grade. Test results and their accompanying analysis are valuable tools that help prepare students for the SAT and education 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. PSAT gives counselors information on AP readiness through AP Potential.

SAT Reasoning Test

The SAT Reasoning Test is a measure of the critical thinking skills you'll need for academic success in college. The SAT assesses how well you analyze and solve problems, skills you learned in school that you'll need in college. The SAT is typically taken by high school juniors and seniors. "SAT Plus Writing" is a new test students may need to take, depending on the college to which they apply. Register for the SAT at www.collegeboard.com.

SAT Subject Tests

Subject Tests (formerly SAT II: Subject Tests) are designed to measure your knowledge and skills in particular subject areas, as well as your ability to apply that knowledge.

Students take the Subject Tests to demonstrate to colleges their mastery of specific subjects specifically English, history, mathematics, science, and language. The tests are independent of any particular textbook or method of instruction. The tests' content evolves to reflect current trends in high school curricula, but the types of questions change little from year to year. *Starting with the class of 2012, SATS.T.'s are not required for U. C. admission; however, to remain competitive in some majors, SATS.T.'s are recommended.*

ACT

Constructed as an achievement test, the American College Testing, or ACT Program, consists of four subject tests: English, math, reading comprehension, and scientific reasoning. It is three hours long and consists of multiple-choice questions that test knowledge in these areas. The ACT Plus Writing test may also be required for admission to some colleges.

All colleges accept ACT scores in lieu of the SAT I. Students who receive low scores in the SAT I might consider taking the ACT if they believe they could do better in an achievement-type test. Register for the ACT at www.act.org.

REGISTERING FOR TESTS

Information bulletins, with registration forms for tests, are available in the Counseling Office or Career Center. Students should consult the bulletins for detailed information regarding application procedures and testing dates. Students typically can register by mail, by phone, or on-line. Students must plan carefully to complete their testing by their college application deadlines, which can be as early as October of their senior year. ACT/SAT "SAT Plus Writing" school codes are:

Bear Creek High School	School Code	053436	Independence School	School Code	053437
Lodi High School	School Code	051441	Liberty High School	School Code	051432
McNair High School	School Code	053958	Lincoln Technical Academy	School Code	051436
Tokay High School	School Code	051440	Middle College High School	School Code	053599
			Plaza Robles High School	School Code	053437

Preparing for College and Career (continued)

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.

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 (sophomore standing) through a sufficient number of qualifying AP Exam grades.

Individual colleges and universities, not the College Board or the AP Program, grant course credit and placement. 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 catalogue or on its Web site, or by using collegeboard.com's [AP Credit Policy Info](#) search.

Colleges that have received your AP Grade Report will generally 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.

FEE WAIVERS

Fee waivers for testing may be available. There are strict guidelines regarding financial need. If you think you may be eligible, and you are a junior or senior, see your counselor.

APPLYING FOR 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 their financial aid information because they are proud of this fact.

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 web site for estimating your family's financial aid eligibility is: <http://www.finaid.org>.

The *FAFSA, the Free Application for Federal Student Aid*, is required by all colleges in order to apply for financial aid. You can file on the web – this is preferred. You can also file on the web at www.fafsa.ed.gov. Filing on the web is preferred. However, you must first apply for a PIN number, because you need a PIN to electronically sign your FAFSA. Once you apply for your PIN on the FAFSA web page, your PIN number will be mailed to you in 1-5 days. In either case, the FAFSA cannot be filed until after October 1st of the prior year in which the student plans to attend college. FAFSA must be filed in early March.

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.

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 on line at www.collegeboard.com 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.

Preparing for College and Career (continued)

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 be sure that you complete all of the necessary forms. Be aware of financial aid deadlines as well, these differ from one college to another.

Finally, there are scholarships offered nationally. Scholarship information that arrives in the Counseling Office and Career Center is regularly updated in Naviance Family Connection, which is easily accessible to students. Many books in the Career Center also list nationally 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. *Scholarship notices are placed in the daily bulletin and on the schools websites so students and parents have easy access to the information they need.*

With the process of applying for financial aid, it is very important to honor deadlines in order to maximize your chances of being awarded financial aid.

You could earn FREE College Units if you take these courses:

High School Course Name	Course Number	College Units	Grade Required	Transferable to:
Administration of Justice I	584770	3	B – Both Semesters	UC/CSU
Administration of Justice II	584771	3	B – Both Semesters	UC/CSU
Administration of Justice III	590870	3	B – Both Semesters	CSU
Agriculture Mechanics	403000	7.5	B – Both Semesters	Welding Certificate
Agriculture Welding	404672	7.5	B – Both Semesters	Welding Certificate
Introduction to the Automobile AND Advanced Automotive Technology	565200 565280	3-9	B – Both Semesters B – Both Semesters	Automobile Certificate
Automotive Services	565570	9	B – Both Semesters	Automobile Certificate
Careers with Children	440070	2	B – Both Semesters	Certificate
Business Occupations & Certification	461570	6	B – Both Semesters	CSU
Computer Networks, Basic & Adv. (Cisco)	461870	4-8	C – Both Semesters	CSU
Computer Tech. Service & Repair	555870	2.5	C – Both Semesters	CSU
Computer Web/Game Design	575070	4	B - Both semesters	CSU
Culinary Arts 1	442070	2	C – Both Semesters	CSU
Dental Assistant	423470	0.5	B – Both Semesters	Certificate
Developmental Child Psychology	432110	3	A – Both Semesters	UC/CSU
Drafting Advanced	570780	3	B – Both Semesters	CSU
Entrepreneurship	590670	8	B – Both Semesters	Certificate
Fashion & Design	441100	3	B – Both Semesters	CSU
Fire Science	583370	3	B – Both Semesters	CSU
Graphic Design	285510	4	B – Both Semesters	UC/CSU
Graphic Design 1 & 2	575175	4	B – Both Semesters	UC/CSU
Health Occupations	429870	2	B – Both Semesters	CSU

Careers in Hotel, Restaurant & Tourism	590370 / 590470	1.5 – 3.5	B – Both Semesters	Certificate
Information Technology	465400	3	B – Both Semesters	CSU
Introduction to Diesel Technology	590470	3	B – Both Semesters	Certificate
Medical Assistant	424270	4	C – Both Semesters	CSU
Medical Science & Terminology	422710	3	B - Both semesters	CSU
Ornamental Horticulture	405472	3	B - Both semesters	CSU

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uccessful completion of any of these courses may result in earning college units at San Joaquin Delta College for high school students. Most courses may qualify for transfer to 4-year colleges and universities!

A complete list of approved courses and details about the program are available online at:
<http://www.deltacollege.edu/dept/ar/admissions/22articulation.html>

BENEFITS

- ◆SAVE MONEY◆
- ◆GET THROUGH COLLEGE FASTER◆
- ◆ESTABLISH AND IMPROVE YOUR COLLEGE GPA◆
- ◆SATISFY DELTA COLLEGE COURSE PREREQUISITES◆


CAREER TECHNICAL EDUCATION LINCOLN TECHNICAL ACADEMY

Students must be in the 11th or 12th grades to be eligible for enrollment in CTE capstone courses held at Lincoln Technical Academy. These courses are generally two periods long. Job skills and successful work habits, including regular attendance, are emphasized. Students can earn up to 20 credits per year.

No student shall be excluded from admission to career/technical education on the basis of race, color, national origin, religion, sex, handicap, or limited-English language skills. To file complaints of discrimination, please contact:

Julie Jansen, Principal ~ CTE (209) 331-7617


Administration of Justice – 584770, 584771

20 Credits	 Earn up to 6 Units of College Units
Class Restrictions: None	
Location: Lincoln Technical Academy	

Description: This course consists of an introduction to the three components of the administration of justice - law enforcement, judicial system, and custodial system. The curriculum is based on two San Joaquin Delta College courses- A021, Criminal Justice in Society and AJ022, Concepts of Criminal Law. Therefore, students successful in this course may also receive three Delta College semester units

per class. Both classes are transferable to UC and CSU. In addition to the Delta courses, this course offers training based on the California Commission of Peace Officer Standards and Training (POST). This training is the same training given to potential law enforcement officers in a College Police Academy. Students will be exposed to such training as physical fitness training, report writing, traffic investigations, baton training, defensive tactics, searching, handcuffing, firearms, and more. Grade B or better qualifies for College Credit. Please see pages 10 & 11. *Students must provide own transportation to school sites, some of which are within walking distance. Course can be repeated for credit. Course can be repeated for credit.*

Careers with Children – 440070

20 Credits	 Earn 2 Units of College Units
Class Restrictions: None	
Location: Lincoln Technical Academy	


Description: 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, daycare centers, elementary schools, schools for exceptional children and other types of child care centers. Students receive instruction in child development stages, current learning theories, health and safety issues, positive guidance, discipline techniques and job preparation skills. *Prerequisite: Negative TB skin test or chest x-ray required before students can be placed at a community classroom site. Students must provide own transportation to training sites although many sites are within walking distance. Course can be repeated for credit.*

Careers in Education – 440170

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
Location: Lincoln Technical Academy	

Description: this course is designed to provide students with knowledge of career opportunities in the field of teaching and other school site educational professions. Career preparations standards, which include basic academic safety, communication, interpersonal problem-solving skills and life/role modeling skills, are integrated throughout the course. Students can receive training in AVID tutoring methodologies. Active class participation in teaching and tutoring techniques, classroom management is enhanced by field work at school sites under the guidance of a mentor teacher. All students are required to observe and/or participate in a variety of settings and classrooms at the primary/elementary, middle/junior high and secondary levels. This course helps prepare students for entry into college or university teacher training programs. *Students must provide own transportation to school sites, some of which are within walking distance. Course can be repeated for credit.*

Business Occupations Certification - 461570 (72*)

20 Credits	 Earn 6 Units of College Units
Class Restrictions: None	
Location: Lincoln Technical Academy, (*Liberty, Plaza)	


Description: 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 while offering dual credit. This class is articulated with 2 colleges - San Joaquin Delta College (6 college units) & Humphreys College (12 college units). Community Classroom (Internship) opportunities are available in local business offices. In this course, every effort is made to prepare students for "College and Career" readiness. 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.

**Careers in Hotel, Restaurant and Tourism
590370, 590470**

20 Credits
Class Restrictions: None
Location: Lincoln Technical Academy

Description: This course will help students develop and practice the skills and knowledge required for success as employees or business owners in the hospitality and tourism industry. The curriculum includes but is not limited to: hospitality soft skills, sales and marketing, safety and security, management & leadership skills, and business operations. Graduates of the Program receive a Certificate of Completion from the Educational Institute after passing the final exam of both Year 1 and Year 2. In addition, after the workplace requirement has been met, students are eligible for a professional certification from the Education Institute. This designation is recognized internationally, and is called the Certified Hospitality & Tourism Management Professional (CHTMP).

Cisco 1 & 2 – 461870, 461871

20 Credits	 Earn 8 Units of College Units
Class Restrictions: None	
Location: Lincoln Technical Academy	

Basic Computer Networks Description: Be part of an aggressive market that continues to develop every year. Computers and networking have become an integral part of our lives. We expect fast, reliable secure, connections to resources. This class offers the fundamentals of building, upgrading, repairing and a strong emphasis of basic networking computer skills. The goal of this course is to introduce you to the basic OSI model layers and the technologies of sharing files, folders, and exploring the World Wide Web. Students will also learn how to configure routers, switches and how to make small networks. Internships are part of the course, along with earning four college credits toward San Joaquin Delta College. This class will help prepare students for an entry level networking position. **Advanced Computer Networks** Description:

This course is the second-semester component of Basic Computer Networks. The primary focus of this course is the advanced configuring and networking of routers and switches. Hands-on labs are required including making Ethernet and crossover cables for internet connections along with developing business network. The goal is to develop an understanding of how a router communicates to remote networks and determine the best path to those networks. The material in this course encompasses a broad range of technologies that facilitate how people work, live, play, and learn by communicating with voice, video, and other data. Internships are part of the course upon availability. This class will help prepare students for an entry level networking position. Grade of C or better qualifies for college credit.

Introduction to Careers in Dentistry - PENDING

20 Credits
Class Restrictions: None
Location: Lincoln Technical Academy

Description: This course is open to Juniors and 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.

Dental Assistant – 423470

20 Credits	Earn 0.5 College Units
Class Restrictions: Seniors Only	
Location: Lincoln Technical Academy	

Description: 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. 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 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 (see description below). 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.

The Dental Assistant Course can be repeated for credit.

Additional Requirements: CPR Certification, Negative TB Test, Hepatitis B vaccination, and up-to-date Tetanus Vaccination. Students must provide their own transportation to the Period 7 Lab Class and to their externship.

Dental Lab – 423570

5 Credits
Class Restrictions: High School seniors only who are concurrently enrolled in the Dental Assistant Course pursuing a Certificate of Completion
Location: Lincoln Technical Academy

Description: This class is a Period 7 class that is required to be attended two days per week by high school seniors who are pursuing a Certificate of Completion from the Dental Assistant Course

Period 7 = T/TH 2:30 – 3:45 PM

Students must have their own transportation to this class

CA Radiation Safety Course – 423670

5 Credits
Class Restrictions: High school seniors only who are concurrently enrolled in the Dental Assistant Course pursuing a Certificate of Completion
Location: Lincoln Technical Academy

Description: This 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 the state of California.


This course is typically offered twice per year and is conducted during after-school hours.

Entrepreneurship – 590670

10 Credits	Earn 8 College Units
Class Restrictions: None	
Location: Lincoln Technical Academy	


Description: 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 responsibilities, 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 and analysis, organizational management, recordkeeping and taxes, recruitment and training, franchising, and exit strategies

Fire Science – 583370

20 Credits	 Earn 3 Units of College Units
Class Restrictions: None	
Location: Lincoln Technical Academy	

Description: 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 Fire Fighter 1 curriculum. Students will be required to have their own transportation on days they are at the fire station. Grade B or better qualifies for College Credit. Please see pages 10 and 11. *Course can be repeated for credit.*

Medical Assistant – 424270

20 Credits	 Earn 4 Units of College Units
Class Restrictions: Seniors Only	
Location: Lincoln Technical Academy	


Description: This course prepares students for employment as a Medical Assistant in both the administrative and clinical areas of medical facilities, hospitals, and doctor's offices. Administrative instruction includes medical ethics and law, reception techniques and 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 in this course. *Prerequisite: Negative TB skin test or chest x-ray. Students interested in on-the-job-training (extern) must provide their own transportation. Extern sites require a background check (at the student's expense).* Grade B or better qualifies for College Credit. **This course may be used to fulfill 10 credits of the life science graduation requirement.**

Video Game Programming and Design - 575270

20 Credits
Class Restrictions: None
Location: Lincoln Technical Academy

Description: This course is a computer technology course, with an emphasis on Computer Programming and video game design. In this course students will learn: History and development of the Video game industry. Early video game design. The development of the console, PC gaming, Controversy, Industry Trends, Overview of Careers in the Video Game Industry, Sound Design, and Story Development. Understanding the x/y/z/ coordinates, Retrieving the Mouse coordinates, Scripting movement with the Arrow keys, Scripting movement using the Mouse, Diagonal movement, Creating boundaries, Sound Effects, Triggering sounds on the player character, Triggering sounds on a button press, Background Level Sound, Declaring a numeric variable, Using variables as player health, damage, etc.

Web & Game Design - 575070

20 Credits	 Earn 4 Units of College Units
Class Restrictions: None	
Location: Lincoln Technical Academy	

Description: This course provides students with an understanding of webpage and video game design. Students will learn Adobe Dreamweaver, Flash and Photoshop to create dynamic interactive graphics that will be used to create web pages. Design features include, content, navigation, and an introduction to hierarchy organization. In addition, students will learn mobile design (i.e. cell phone, iPod mobile devices) with rich, crisp, color edited graphics creating excellent interactive layouts. In Game Design students will learn to create 2D and 3D multi-media computer generated video games using the latest software that combines C-Script programming language with high end 2D and 3D engines, a physics engine, level terrain and model editors. Students will have access to large libraries of sprites, and be introduced to many online resources as well. Students will create a multitude of game environments, characters and scripts that will be incorporated back into their website. Students will take home a complete portfolio at the end of the year. Grade B or better qualifies for College Credit. Please see pages 10 and 12. *Recommended prerequisite: demonstrate basic computer and keyboarding skills or teacher approval. Course can be repeated for credit.*

LODI UNIFIED SCHOOL DISTRICT

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.

- a) Every effort should be made to resolve a complaint with the employee involved.
- b) If the concern is not resolved with the employee, it should be submitted to the principal in writing.
- c) If the principal cannot resolve the problem, it will be submitted to the assistant superintendent responsible for elementary or secondary education.
- d) Concerns not resolved at the assistant superintendent level will be submitted to the associate superintendent.
- e) Concerns may be submitted to the superintendent if they have not been resolved at other levels.
- f) 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:

- a) Most concerns can be resolved informally by your child's teacher or principal. This is always the best place to start.
- b) 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.
- c) A district committee will then evaluate the questioned material and make a recommendation.
- d) The superintendent is responsible for a final decision on the appropriateness of the questioned material.
- e) If you are not satisfied with this decision, you may take your concerns to the Board of Education.
- f) 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.

NOTICE TO PARENTS/GUARDIANS/EMPLOYEES

Why Are There Uniform Complaint Procedures?

Uniform complaint procedures were developed and established to handle complaints against the district claiming they have unlawfully discriminated against someone in a specific educational program that is conducted with state or federal funds. (Procedures established in accordance with State Law, Title 5, California Code of Regulations, Sections 4600-4671).

What Is Covered?

1. Adult Education
2. Career Technical Education
3. Child Development
4. Civil Rights Violation (Discrimination occurs based on: Religion, age, gender, physical or mental disability, ethnic group identification, race, ancestry, national origin, color)
5. Consolidated Categorical Aid
6. Indian Education
7. Migrant Education
8. Nutrition Services
9. Special Education

Williams Uniform Complaint Process, Education Code Section 35186(f)

10. **Textbooks and Instructional Materials** (Every school must provide sufficient textbooks and instructional materials. Every student, including English Learners, must have textbooks or instructional materials, or both, to use in class and to take home or use after class.)
11. **Teacher Vacancy or Misassignments** (Each class should be assigned a teacher and not a series of substitutes or other temporary teachers. The teacher should have the proper credential and subject matter training to teach the class, including training to teach English Learners, if present.)
12. **Facility Conditions** (School facilities must be clean, safe, and maintained in good repair.)

How To Submit A Complaint:

Any person, organization, or public agency concerned with a violation of state or federal regulations governing an educational program are to submit a Uniform Complaint Form:

James Areida Education Support Center
1305 East Vine Street
Lodi, CA 95240

This office will provide assistance to those who cannot complete a written complaint. The district assures confidentiality of the facts to the maximum extent possible. The district prohibits retaliation against anyone who files a complaint or anyone who participates in the complaint investigation process.

Complainants are further advised that civil law remedies including, but not limited to, injunctions, restraining orders, or other orders, may be available to them.

LODI UNIFIED SCHOOL DISTRICT NON DISCRIMINATION POLICY

District Programs and activities shall be free from discrimination, including harassment, with respect to a student's actual or perceived sex, gender, ethnic group identification, race, national origin, religion, color, physical or mental disability, age, or sexual orientation.

The Lodi Unified School District recognizes its obligation to provide overall program accessibility throughout the district for handicapped persons. Contact the district Coordinator of Community Relations to obtain information about the existence and location of services, activities and facilities that are accessible to and usable by handicapped persons. Inquires regarding federal laws and regulations concerning nondiscrimination or the district's compliance may be directed to:

U.S. Department of Education
Office for Civil Rights
Old Federal Building
50 U.N. Plaza, Room 239
San Francisco, CA 94102
(415) 556-7000
TTY (415) 556-6806

NCAA and NAIA Requirements

Participation in college athletics is the dream of many high school students. To minimize frustration and eligibility-related hassles, students and parents should become familiar with the academic standards that the National College Athletic Association (NCAA) and National Association of Intercollegiate Athletics (NAIA) requires of student-athletes wishing to compete in

Division I or Division II collegiate athletic programs. See your coach and/or your counselor for information.

Athletic Requirement/Eligibility

Anyone who is not currently enrolled in 25 units of class work will not be eligible to participate in athletics. In addition, all students must have passed 25 units of schoolwork in the previous quarter in order to be eligible to participate. All students must maintain a 2.0 GPA in order to be eligible to compete in interscholastic sports.

ACADEMIES

Academies are a school-within-a-school approach of integrated curriculum in four subject areas. Teachers will work together to plan lessons that incorporate useful information for a career in the specified field.

The following Academies are offered at the identified school sites.

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, a counselor, and an assistant principal 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.

Exploration in Education – 435440 (APPLE Academy Students Only)

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	g
School Site(s)	LHS

Description: This course is the second year technical core class in the Education 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.

Child Centered Careers and Occupational Opportunities (C3O2) – Tokay High School

The Tokay High 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 and conserve individual and community resources
- build positive interpersonal and family relationships
- reinforce educational skills necessary for earning a living
- explore job and career options

Health Career 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 Career 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.

Health Careers - 422410 (Health Career Academy Students Only)

10 Credits	Grade(s) 10
1 Year Course	
School Site(s)	MHS


Description: This course is the first in a series of elective courses designed to prepare students to enter a career in health care. Aligned to the California Department of Education's Career Technical Education (CTE) standards, this course will introduce students to the educational and professional requirements for over one hundred health-related careers, in addition to teaching general skills such as teamwork and communication

Health Occupations – 429870

20 Credits	 Earn 2 Units of College Units
Class Restrictions: None	
Location: McNair High	

Description: 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 medical related community classroom sites, such as dietary, physical therapy, surgery, patient transportation, hospital offices, medical offices or other areas according to interests and availability. *Prerequisite: 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 provide own transportation to placement site; some of sites are within walking distance. Course can be repeated for credit.* Grade B or better qualifies for College Credit. Please see pages 10 and 12.

Medical Science and Terminology – 422710 (Health Career Academy Students Only)

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	 Earn 3 Units of College Units
CSU Requirement	
School Site(s) MHS	

Description: The health care 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. Grade B or better qualifies for College Credit. Please see pages 10 - 12.

SUN Institute – Lodi High School

The SUN Institute is a science and technology academy that uses integrated curriculum to deliver subject matter to the students in an interesting and challenging manner. Students are placed in smaller learning communities where the academy teachers and designated counselor monitor each student's progress. Communication between parents and teachers is an important and welcome part of the SUN Institute. The Academy has the ability to prepare students for college through challenging college prep classes. Students that are not ready for a four year university will benefit from the career experience pathway. Careers and choices associated with the SUN include: veterinarian, biologist, environmental science, geneticist, landscaper, enologist, and computer applications.

AVID – Lodi, Tokay, McNair, Bear Creek, and Middle College High Schools

AVID stands for Advancement Via Individual Determination. AVID is a nationally-acclaimed program designed to increase school wide learning and performance. AVID's goal is to ensure that all students, and especially the least served students in the middle, complete a college preparatory path. AVID provides the necessary support, skills and higher level thinking for students to succeed in high school, college and beyond.


AGRICULTURE CAREER TECHNICAL EDUCATION

Animal Science - 402510

10 Credits	Grade(s) 11 - 12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS

Description: 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.

Agriculture Welding – 404672

10 Credits		College Units Av ailable
UC Requirement		
CSU Requirement		
Location: Lodi High		
Grades: 11-12		
Prerequisites: Ag Welding/Instructor Approval		

Description: 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, metal band saw. Students will design and fabricate their own projects. To earn 16 College units students must:

- Take this course AND
- Take Ag Mechanics AND
- Earn a Grade B or better in both courses

Please see pages 10 - 12.

Introduction to Applied Agriculture Science – 407600, 407610, 407641

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	d
CSU Requirement	Elective
School Site(s)	BCHS, LHS, THS

Description: 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.

Sustainable Agriculture Biology 407200, 407241, 407210

10 Credits	Grade(s) 9-10
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS, THS

Description: Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major section, or unites, each with a guiding question. Unit one addresses the questions, what is sustainable agriculture? Unit two, how sustainable agriculture fits into our environment? Unit three, what molecular biology principles guide sustainable agriculture? Unit four, How do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem? 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.

Agriculture and Soil Chemistry 407300, 407341, 407310

10 credits	Grade(s) 10 - 12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS, THS

Description: 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 a 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, student 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.

Agricultural Economics – 406210, 406241

5 credits	Grade 12
Semester Course	
UC Requirement	g
CSU Requirement	Economics
School Site(s)	BCHS, THS, LHS


Description: This is a college preparatory course for students interested in pursuing agricultural studies in college with an emphasis on the application of democratic, civic and economic principles to agricultural practice. This course is designed for the student interested in understanding the operations and institutions of economic systems as applied to our nation's largest industry-agriculture. Unites of instruction include basic economic concepts, comparative systems, individual and aggregate economic behavior and international trade and policy. Instruction is also given in leadership, citizenship, and career education. This course will meet the economic graduation requirements.

Agricultural Government – 406110, 406141

5 credits	Grade 12
Semester Course	
UC Requirement	a
CSU Requirement	Government
School Site(s)	BCHS, LHS, THS

Description: The twelfth grade course of study focuses on the structure and processes of the United States Government System. Initial emphasis will be on the responsibilities and rights of citizenship, voting, political parties, elections, campaigns, the Constitution, the branches of government, and the Bill of Rights. Additionally, the course will compare the political power at the local, state, national, and global levels. A consistent focus throughout the course will be an analysis of the role that both the government and the voters play in developing policies and laws affecting the Agriculture Industry. This course meets the state government graduation requirement.

Agricultural Mechanics 1 – 403041, 403000

10 Credits	 College Units Available
1 Year Course	
Grade(s) 9-12	
School Site(s)	BCHS, LHS, THS

Description: This course is on an introduction to the area of agricultural mechanics including basic drawing, woodworking, metal working, welding, small engines and farm power. Emphasis is placed upon 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. To earn 16 College units students must:

- Take this course AND
- Take Ag Welding AND
- Earn a Grade B or better in both courses

Please see pages 10 - 12.

Agricultural Mechanics 3 - 403080

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	LHS, THS

Description: 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. This course may be repeated for credit with instructor approval.

Agriculture Leadership – 407500, 407541, 407510

10 Credits	Grades(s) 11-12
1 Year Course	
School Sites	BCHS, LHS, THS

Description: The purpose of 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 personal growth through activities such as public speaking, team building, and the organization of various FFA Activities. In addition, students will assist with the completion of FFA Award Applications, video production, and two newsletters to enhance student's 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.

Agriscience Systems Management – 407400, 407410, 407441

Agriscience Systems Management Honors - 407412

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	d
School Sites	LHS

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

Agriculture Woodshop - 407141, 407100, 407110

10 Credits	Grade(s) 9-12
1 Year Course	
School Sites	BCHS, THS

Description Agriculture Woodshop will be centered on the hands-on application of woodworking skills, tool identification, material selection, project layout and construction. This course covers basic hand tool and machine operations in the wood/carpentry shop. Shop and machine safety and prioritized. Students will learn the operation of radial arm saws, jointer, table saw, band saw, jigsaw, drill press, sanders, lathe, hand tools, and portable power tools. Coursework consists of required projects aimed at principles of construction, joints, assembly, gluing, clamping, and finish; as well as the design and construction of the student's own project(s).

Agriculture Woodshop 2 – 407700, 407710, 407741

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	BCHS, THS

Description: Agriculture Woodshop will be a second year course for student interested in woodworking practices. Students will use the skills developed in Introduction to Agriculture Woodshop to further master woodworking practices and apply them to large projects. Students will continue to learn construction practices and project fabrication and design.

Environmental and Spatial Technology (EAST) – 409872

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	LHS


Description: EAST (Environmental and Spatial Technology) Lab is a two-semester course in which students will use state of the art computer hardware and software tools 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.

Art & History of Floral Design 1 & 2 – 405575

10 Credits	
UC Requirement	f
CSU Requirement	VAPA
Location: Tokay High and Lodi High, BCHS	
Grades 10-12	

Description: 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. Course may be repeated for credit.

Ornamental Horticulture/Landscaping – 405472

10 Credits	
1 Year Course	
Grade(s) 10-12 LHS Grade(s) 11-12	
School Site	LHS, THS

Description: 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. Grade B or better qualified for college credit (see pages 10-11). Course can be repeated for credit. This course may be used to fulfill 10 credits of the life science graduation requirement.

AVID

AVID 9 – 215600

10 Credits	Grade(s) 9
1 Year Course	
School Site(s)	BCHS, LHS, MHS, MCHS, THS

Description: 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

10 Credits	Grade(s) 10
1 Year Course	
School Site(s)	BCHS, LHS, MCHS, THS, MHS

Description: 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

10 Credits	Grade(s) 11
1 Year Course	
School Site(s)	BCHS, LHS, MCHS, THS, MHS

Description: AVID elective courses at all grade levels are designed to prepare in an academic context, students 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

10 Credits	Grade(s) 12
1 Year Course	
School Site(s)	BCHS, LHS, MCHS, THS, MHS

Description: 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.*

AVID Junior/Senior Seminar – 216010

20 Credits	Grade(s) 11-12
4 Semesters	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	MCHS

Description: Students will engage in higher levels of WIC-R (writing, inquiry, collaboration and reading) strategies than experienced in prior years of AVID. These higher-level thinking, reading, writing and oral language skills are needed to prepare students for the level of work required to produce a culminating research project at the end of the senior year. Students must be enrolled in both junior and senior years to receive “G” credit. “G” credit is for senior year only.

AVID Tutor – 219700

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Minimum GPA requirement at all sites.

Description: 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.

BUSINESS


Introduction to Business – 465000

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	MHS

Description: 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.

This course fulfills 10 credits of the mathematics graduation requirement.

Information Technology - 465400

10 Credits	 Earn 3 Units of College Units
1 Year Course	
Grade(s) 9-12	
School Site(s)	MHS

Description: This year long course is designed to promote school-wide and life-long success. Instruction includes learning proper techniques for use with a variety of technologies. Technology occupations and ethics are addressed. Students are exposed to word processing applications (letters, memos, research papers, resumes), databases (storing and retrieving information), spreadsheets, desktop publishing (graphic podcasting), and electronic presentations. The class provides electronic project-oriented activities and aids students in creating a personal portfolio. Grade B or better qualifies for College Credit. Please see pages 10 - 12.

Introduction to Programming – 460310

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, MHS

Description: 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 - 466600

10 credits	Grade(s) 9-12
1 Year Course	
School Site	BCHS, MHS

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

LEADERSHIP AND STUDENT AIDE

Seminar 101 – 216600

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	g
School Site	MHS

Description: This one year course is designed to help students understand the importance of academics and to build a solid foundation of skill 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.

Conflict Mediation – 800000

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, THS, MHS

Minimum GPA requirement at all sites.

Description: 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.

Student Activities – 800100

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	BCHS

Description: This course is designed for students wishing to impact their campus and community by means of implementing daily lunchtime activities, rallies, and special events as well as with service organizations off campus. The course concentrates on leadership training, conflict management, and team building. Outside time spent on projects and committee assignments is required. This course may be repeated for credit.

Student Government – 271900

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: 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. The course concentrates on legislative procedures, basic concepts of the democratic process, team guiding, special projects and developing skills in leadership, parliamentary procedure, management, communication and decision making.

Link Crew - 800200

10 Credits	Grade(s) 10-12 LHS Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS

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

paper screening (grades, attendance, behavior, letters of recommendation) and then interview. Enrollment is limited to one 4th period class.

Link Crew Commissioner – 800400

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS

Minimum GPA requirement at all sites.

Description: 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.

Academic Decathlon – 810000

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	MCHS

Description: Students enrolled in this course become part of the Academic Decathlon team. This team consists of 3 “A” honor students, 3 “B” scholarship students, 3 “C” varsity students, and an unlimited number of alternates. Students prepare for the county competition held every February. All students compete in all 10 events.

Library Practice – 820000

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, THS

Minimum GPA requirement at all sites.

Description: 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. This course may be repeated for credit.

Work Experience Education – 830000

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, THS

Description: Work Experience Education has as its purpose 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, but should lead to an occupational goal if possible. Students must be paid and must 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 Education, 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 per 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 four other classes before enrolling in Work Experience Education.**

Teacher's Aide – 860500, 860600, 860700

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, THS, MHS, IHS

Minimum GPA requirement at all sites.

Description: Students working as teachers' aides work individually with specific teachers. Learning experiences include typing, filing, record keeping, correcting tests, stapling, collating, and scoring tests. Other experiences may include bulletin board material preparation, game and/or practice drill supervision, audio-visual material preparation, resource material gathering, and classroom project assistance. From the combined courses (Teacher's Aide, Office Exploration, and Library Practice) no more than 20 units may be earned and credited toward high school graduation.

Office Exploration (Office T. A.) – 861100, 861200, 861300

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS, IHS

Minimum GPA requirement at all sites.

Description: The students are assigned to work in the school office or counseling center 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.

APPLE Class Tutor – 839740**(APPLE Academy Students Only)**

10 Credits	Grade(s) 12
1 Year Course	
School Site(s)	LHS

Description: 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 ROP'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.

Foreign Language Tutor – 229700

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS

Minimum GPA requirement at all sites.

Description: 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.

Peer Tutor – 839900

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS

Minimum GPA requirement at all sites.

Description: This course is designed for junior and senior students. Students will be working as peer tutors in 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 a classroom setting in order to gain experience. Peer tutors can help edit/evaluate students' written work for accuracy. Students placed as peer tutors must have demonstrated mastery in the same or similar course prior to becoming a peer tutor for a given course.

College Career Assistant – 861500

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, THS

Minimum GPA requirement at all sites.

Description: 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 spread sheets 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.

ENGLISH

English 9 – 210100

10 Credits		Grade(s) 9
1 Year Course		
School Site(s)	BCHS, LHS, , MHS, MCHS, THS, IHS	

Description: English 9 is the first of four core high school English courses. The English 9 curriculum is based on the California Common Core Standards for English-Language Arts. The course's main curriculum focus is on reading, writing, written and oral language conventions, listening and speaking. **This course meets the District graduation requirements, but not the UC/CSU a-g entrance requirements.**

English 9 CP – 210110

10 Credits		Grade(s) 9
1 Year Course		
UC Requirement	b	
CSU Requirement	English	
School Site(s)	BCHS, LHS, MHS, MCHS, THS, IHS	

Description: English 9 CP is the first of four core high school English courses. The English 9 CP curriculum is based on the California Common Core Standards for English-Language Arts. The course's main curriculum focus is on reading, writing, written and oral language conventions, listening and speaking.

English 9 Support – 217100 – students must be enrolled in English 9

10 Credits		Grade(s) 9
1 Year Course		
School Site(s)	IHS	

Description: This course is designed to support student success in the English 9 CP class. The English 9 Support curriculum is based on the English 9 CP curriculum and the California Common Core Standards for English Language Arts. The reading selections and activities provide a parallel opportunity for students to learn grade level standards and improve skills in reading, writing, listening, and speaking. This course will focus on strategies that support English learners and other identified students that need support in fulfilling the English 9 CP course requirements.

English 9 Pre-AP – 210112

10 Credits		Grade(s) 9
1 Year Course		
UC Requirement	b	
CSU Requirement	English	
School Site(s)	BCHS, LHS, MHS, THS	

Description: The English 9 Pre-AP course is an accelerated version of the freshmen English curriculum. The English 9 Pre-AP curriculum is based on the California Common Core Standards for English-Language Arts. 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

10 Credits		Grade(s) 10
1 Year Course		
School Site(s)	BCHS, LHS, MHS, MCHS, THS, IHS	

Description: The English 10 course is the second of four high school English courses. The English 10 curriculum is based on the California Common Core Standards for English-Language Arts. 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

10 Credits		Grade(s) 10
1 Year Course		
UC Requirement	b	
CSU Requirement	English	
School Site(s)	BCHS, LHS, MHS, MCHS, THS	

Description: The English 10 CP course is the second of four high school English courses. The English 10 CP curriculum is based on the California Common Core Standards for English-Language Arts. The course's main curriculum focus is on reading, writing, written and oral language conventions, and listening and speaking.

English 10 Support – 217200 – students must be enrolled in English 10

10 Credits		Grade(s) 10
1 Year Course		
School Site(s)	IHS	

Description: This course is designed to support student success in the English 10 CP class. The English 10 Support curriculum is based on the English 10 CP curriculum and the California Common Core Standards for English Language Arts. The reading selections and activities provide a parallel opportunity for students to learn grade level standards and improve skills in reading, writing, listening, and speaking. This course will focus on strategies that support English learners and other identified students that need support in fulfilling the English 10 CP course requirements.

English 10 Pre-AP – 210212

10 Credits		Grade(s) 10
1 Year Course		

UC Requirement	b
CSU Requirement	English
School Site(s)	BCHS, LHS, MHS, THS

Description: The English 10 Honors course is an accelerated version of the sophomore English curriculum. The English 10 Honors curriculum is based on the California Common Core Standards for English-Language Arts. 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

10 Credits	Grade(s) 11
1 Year Course	
School Site(s)	BCHS, LHS, MHS, MCHS, THS

Description: The course emphasis is on junior core works of American literature. Speech and research skills are addressed as well as reading of various types – short stories, short fiction, poetry, and novels. Writing and other communication skills are literature based. Students develop an understanding of, and appreciation for, American literature. This English curriculum is based on the California Common Core Standards for English-Language Arts. **This course meets the District graduation requirements, but not the UC/CSU a-g entrance requirements.**

English 11 CP – 210510

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	b
CSU Requirement	English
School Site(s)	BCHS, LHS, MCHS, THS, MHS

Description: The course emphasis is on junior core works of American literature. Speech and research skills are addressed as well as reading of various types – short stories, short fiction, poetry, and novels. Writing and other communication skills are literature based. Students develop an understanding of, and appreciation for, American literature. This English curriculum is based on the California Common Core Standards for English-Language Arts.

English 11 Support – 217300 – students must be enrolled in English 11

10 Credits	Grade(s) 11
1 Year Course	
School Site(s)	IHS

Description: Description: This course is designed to support student success in the English 11 CP class. The English 11 Support curriculum is based on the English 11 CP curriculum and the California Common Core Standards for English Language Arts. The reading selections and activities provide a parallel opportunity for students to learn grade level standards and improve skills in reading, writing, listening, and speaking. This course will focus on strategies that support English learners and other identified students

that need support in fulfilling the English 11 CP course requirements.

AP English Language & Composition – 217016

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	b
CSU Requirement	English
School Site(s)	BCHS, LHS, THS, MHS

Description: 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.

CSU Expository Reading & Writing – 217410

10 Credits	Grade(s) 12
1 Year Course	
UC Requirement	b
CSU Requirement	English
School Site(s)	LHS, BCHS, MHS

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.

English 12 – 210800

10 Credits	Grade(s) 12
1 Year Course	
School Site(s)	BCHS, MHS, MCHS, THS, LHS, IHS

Description: 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 English curriculum is based on the California Common Core Standards for English-Language Arts. **This course meets the District graduation requirements, but not the UC/CSU a-g entrance requirements.**

English 12 CP – 210810

10 Credits	Grade(s) 12
1 Year Course	

UC Requirement	b
CSU Requirement	English
School Site(s)	BCHS, MCHS, THS, LHS, MHS

Description: 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 English curriculum is based on the California Common Core Standards for English-Language Arts

English 12 Support Class – 216830 – students must be enrolled in English 12

10 Credits	Grade(s) 12
1 Year Course	
School Site(s)	IHS

Description: This course is designed to support the English learner in successful completion of English 12. Students are provided with specific instruction in vocabulary, grammar, reading comprehension skills, and writing. The emphasis is previewing the instruction in English 12 class so students can successfully complete the requirements of the class.

AP English Literature & Composition – 217116

10 Credits	Grade(s) 12
1 Year Course	
UC Requirement	b
CSU Requirement	English
School Site(s)	BCHS, LHS, THS, MHS

Description: This course is designed to prepare college bound seniors for 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 on a daily basis, and to complete summer reading and/or between sessions reading as well. Students are strongly encouraged to take the AP exam. Summer reading and accompanying assignments are required. *Recommended pathway: complete honors process.*

**Shakespeare in Performance and on Film - 217610
English first and then elective credit**

10 Credits	Grade(s) 12
1 Year Course	

UC Requirement	
CSU Requirement	English
School Site(s)	BCHS, THS

Description: This college preparatory course offers a study of Shakespeare for the student who enjoys reading and watching a variety of the Bard's comedies and tragedies, such as *As You Like it*, *The Tempest*, *Macbeth*, and *Othello*. Students will study various directors' interpretations of the same play such as the Globe Theatre's stage productions and Kenneth Branagh's interpretations of *Hamlet*. Students will also examine how production of stage 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, theatre, or literature.

The Dynamic Literacy of Patient Care (Health Career Academy Students only) – 218542

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	b
CSU Requirement	English
School Site	MHS

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

Creative Writing CP – 215010

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	b
CSU Requirement	English
School Site(s)	BCHS, THS

Description: 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. This English curriculum is based on the California Content Standards for English-Language Arts.

Journalism – 211110

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	g

CSU Requirement	Elective
School Site(s)	BCHS, MHS, THS

Description: 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. This English curriculum is based on the California Content Standards for English-Language Arts.

Journalism Advanced Yearbook – 282115

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	BCHS, LHS, MHS, THS

Description: This course is designed to produce the school yearbook and 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 and advertising techniques are taught. This course may be repeated for credit. This English curriculum is based on the California Content Standards for English-Language Arts.

Journalism Advanced Newspaper – 215515

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	BCHS

Description: This course is designed to produce the student newspaper. Students will be responsible for developing and publishing of the paper. Duties will include all functions of the newspaper: interviewing and reporting; writing of news, features, sports, and editorials; editing; advertising responsibilities; and business procedures. Applications for editor positions are open to those who have worked on the school newspaper previously or who have successfully completed Introduction to Journalism. This course may be repeated for credit. This English curriculum is based on the California Content Standards for English-Language Arts.

Competitive Speech– 212210

15 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	LHS, BCHS

Description: This course is open to any grade level and may be repeated for credit through the senior year. Debate students work on researching the annual debate topic and organizing the 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. The class offers up to

7 1/2 units (per semester) for class work and competition. 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.

Intensive Reading Intervention, Year One (Read 180) 211000

10 credits	Grades(s) 9-12
1 Year Course	
School Site(s)	BCHS, MCHS, THS, LHS, MHS

Description: This is the first year of a two year stand alone, intensive, accelerated reading/language arts program. 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 fulfills English graduation requirements. Mandatory pairing with Intensive English Language Development.**

Intensive English Language Development, Year One – 216300

10 credits	Grades(s) 9-12
1 Year Course	
School Site(s)	BCHS, MCHS, THS, LHS, MHS

Description: This is the first year of a two year stand alone, intensive, accelerated reading/language arts program. This is the second period of a two period course for students who are two or more years below grade level in reading.

Intensive Reading Intervention, Year Two (Read 180) 211100

10 credits	Grades(s) 9-12
1 Year Course	
School Site(s)	BCHS, MCHS, THS, LHS, MHS

Description: This is the second year of a two year stand along, 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 high school graduation requirements for English credit. **This course fulfills English graduation requirement. Mandatory pairing with Intensive English Language Development.**

Intensive English Language Development, Year Two – 216400

10 credits	Grades(s) 9-12
1 Year Course	
School Site(s)	BCHS, MCHS, THS, LHS,

	MHS
Description: This is the second year of a two year stand alone, intensive, accelerated reading/language arts program. This is the second period of a two period course for students who have successfully completed year one.	

English Language Support 213700, 213800


10 credits	Grades(s) 9-12
1 Year Course	
School Site(s)	BCHS, MCHS, THS, LHS, MHS, IHS

Description: This is a course designed for English Learners who have completed Intensive Reading Intervention Year one and two and have reached grade level lexile proficiency. This courses main curriculum focus on reading writing, written and oral language conventions, listening and speaking. Must be concurrently enrolled in grade level English CP.

FAMILY AND CONSUMER EDUCATION

CAREER TECHNICAL EDUCATION

Culinary Arts- 442070

10-20 Credits	 Earn 2 Units of College Units
Class Restrictions: None	
Location: McNair High School	


Description: 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. Students also participate in private catering events. *Course can be repeated for credit.*

Family Living – 435500

5 Credits	Grade(s) 9
1 Semester Course	
School Site(s)	BCHS, LHS, THS, IHS, MHS

Description: Meets graduation requirement. 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).

Fashion 1 – 441100

10 Credits	 Earn 3 Units of College Units
1 Year Course	
Grade(s) 10-12	
School Site(s)	BCHS, LHS, MHS, THS

Description: Fashion and Design is a year long course which will introduce 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. Minimum grade of “B” may receive 3 college credits from San Joaquin Delta Community College. Please see pages 10 - 12.

Fashion 3 – 441180

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	THS, BCHS, MHS, LHS

Description: Advanced Fashion and Design is a year long 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. Students will participate in hands-on activities which will require them to purchase sewing materials.

Interior/Environmental Design 443010, 443000

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	BCHS, MHS

Description: This college prep course will meet the college prep elective requirement for entrance to the UC and CSU systems. The course focus is on the historical and modern development of the home as it meets human needs and provides for personal expression. Major topics of study include housing needs, architectural design, principles and elements of design, psychology of color, the use and effect of natural and artificial lighting, wall, window, and flooring treatments, recognition and selection of furniture styles, and current technological trends in housing. Space planning and consumer skills in home design and furnishing are employed in the final comprehensive design project.

Life Management I - 435700

10 Credits	Grade(s) 9-10
1 Year Course	
School Site(s)	BCHS, MHS, IHS

Description: 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 FHA-HERO. Students will participate in hands-on and group activities to help students develop self-worth and leadership.

Life Management II – 435800

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	BCHS, LHS (Gr. 11 & 12), MHS, THS, IHS

Description: 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 many 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 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.

Consumer Foods and Nutrition I – 436100

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: 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, food preservation, use of consumer resources and agencies, and the relationship of nutrition and physical fitness to good health. Students may also explore careers in the food industry.

Consumer Foods and Nutrition Advanced - 436180

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: 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.

Food Science – 447100

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	MHS, LHS


Description: Food science is the study of the production, processing, preparation, evaluation and utilization of food. The emphasis is on the physical and chemical changes and reactions that occur in food preparation. This course uses equipment and supplies from both foods and science laboratories. Students are required to use the scientific method to study the biological and chemical bases of nutrition and food preparation, preservation and processing. Valid scientific experiments are included. Students develop critical thinking skills through measuring, recording data, graphing, predicting, evaluating and writing lab results. This is not a cooking class. **This course may be used to fulfill 10 credits of the required life or physical science graduation requirement.**

Human Relations/Parenting – 432300

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, MHS

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

Developmental Child Psychology – LHS – 432110, THS – 432143

10 Credits	Grade(s) 11-12		College Units Av available
LHS Grade(s) 10 only			
1 Year Course			
UC Requirement	g		
CSU Requirement	Elective		
School Site(s)			
		BCHS, LHS, THS	

Description: As part of an Education and Child Development Pathway, this class is the second career-technical class for the Child-Centered Careers and Occupational Opportunities (C302) 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 and is on the UC a-g list.

Exploration in Education – 435440 (APPLE Academy Students Only)

10 Credits	Grade(s) 11
1 Year Course	

UC Requirement	g
School Site(s)	LHS


Description: This course is the second year technical core class in the Education 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.

Health Careers - 422410 (Health Career Academy Students Only)

10 Credits	Grade(s) 10
1 Year Course	
School Site(s)	MHS

Description: This course is the first in a series of elective courses designed to prepare students to enter a career in health care. Aligned to the California Department of Education's Career Technical Education (CTE) standards, this course will introduce students to the educational and professional requirements for over one hundred health-related careers, in addition to teaching general skills such as teamwork and communication.

Medical Science and Terminology – 422710 (Health Career Academy Students Only)

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	 Earn 3 Units of College Units
CSU Requirement	
School Site(s) MHS	

Description: The health care 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. Grade B or better qualifies for College Credit. Please see pages 10 - 12.

HEALTH/DRIVERS EDUCATION


Health – 253500/Drivers Education – 254500

2.5 Credits Each	Grade(s) 9
1 Semester Course	
School Site(s)	BCHS, LHS, MHS, THS, IHS

Description: The semester is divided into Driver's Education and Health & Safety. Driver's Education must be completed before behind-the-wheel training may be taken. Health & Safety includes overall health awareness (mental/emotional, social & physical health) and understanding the 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.

INDUSTRIAL ARTS CAREER TECHNICAL EDUCATION

Auto Mechanics 1 – 565200

10 Credits	 College Units Available
1 Year Course	
Grade(s) 9-12	
School Site(s)	BCHS, LHS, THS

Description: This course is designed to give 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 to be included are shop safety, names of and the appropriate use of power tools, fundamental principles, and construction of the internal combustion engine. Also covered are the automobile's chassis, suspension, brake, fuel, lubrication, electrical systems and emission controls. To earn 9 College units students must:

- Take this course AND
- Take Advanced Automotive Technology AND
- Earn a Grade B or better in both courses

Please see pages 10 - 12.

Auto Mechanics 3 – 565280


10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, THS

Description: 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 introductory class. Depending upon site needs, students enrolled in this course may need a vehicle for shop activities. To earn 9 College units students must:

- Take this course AND
- Take Introduction to the Automobile AND
- Earn a Grade B or better in both courses

Please see pages 10 – 12

Automotive Services – 565570

10-20 Credits	 Earn 9 Units of College Units
Class Restrictions:	
Lodi High students	

have priority	
Location: Lodi High	


Description: 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. Grade B or better qualifies for College Credit. Please see pages 10 & 12.

Diesel Technology – 590570

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	LHS

Description: 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.

Drafting Advanced – 570780

10 Credits	 Earn 3 Units of College Units
1 Year Course	
Grade(s) 10-12	
School Site(s)	LHS

Description: This course is designed for the student desiring additional study in mechanical drafting. Advanced computer-aided drafting methods, including three-dimensional modeling and dimensional practices are emphasized. Study centers around the design and development of products through the use of detail and assembly drawings. Students are encouraged to join VICA and participate in regional, state, and national drafting competitions. Grade B or better qualifies for College Credit. Please see pages 10 - 12.

Architectural Design Advanced – 570380

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	LHS

Description: This course is designed for students desiring additional study in architecture and the building industry. During the year, students will design a house and prepare a set of working drawings using AutoCAD and Architectural Desktop software.

Introduction to Engineering Design – 557310

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	g
School Site(s)	THS

Description: Introduction to Engineering Design (IED) is a high school level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and

technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem based (APPB) learning. Used in combination with a teaming approach, APPB-learning challenges students to continually hone their interpersonal skills, creative abilities and understanding of the design process. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

Principles of Engineering - Pending

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	THS

Description: Principles Of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Civil Engineering and Architecture – 557510 BETA – 557545

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	g
School Site(s)	LHS

Description: The major focus of the Civil Engineering and Architecture (CEA) course is a long-term project that involves the development of a local property site. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of this property. The course provides freedom to the teacher and students to develop the property as a simulation or to students to model the real world experiences that civil engineers and architects experience when developing property.

Electric Vehicle Technology - 591070

10 Credits	Grade(s) 10-12
1 Year Course	
School Site	THS

This course is designed to 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.

Woodworking 1 – 553100

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	LHS

Description: This is an introductory course in the use of both hand and power tool construction. Emphasis is placed on the safe use of power equipment and the appropriate use of hand tools. The course covers basic wood joints, fastening methods, sanding and finishing. It is important that students avoid late enrollment as safety instruction and demonstrations begin in the first week.

Woodworking 3 – 553180

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	LHS

Description: Emphasis is placed on students acquiring a higher degree of skill and craftsmanship. Dependability, safety, good work habits, and shop maintenance are stressed. Students are required to complete projects of their own design using advanced woodworking techniques. This course may be repeated for credit.

Industrial Arts Tutor – 569700

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS

Minimum GPA required for all sites

Description: 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 activities carried out by the class.

MATHEMATICS

Integrated Mathematics 1 – 240610

10 credits	Grade(s) 9-12
1 Year Course	
UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, IHS, LHS, MHS, THS

Description: 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 – 240710

10 credits	Grade(s) 9-12
1 Year Course	
UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, IHS, LHS, MHS, THS

Description: 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 conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. For the Integrated Mathematics II course, instructional time will focus on five critical areas: (1) extend the laws of exponents to rational exponents; (2) compare key characteristics of quadratic functions with those of linear and exponential functions; (3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; (4) extend work with probability; and (5) establish criteria for similarity of triangles based on dilations and proportional reasoning.

Pre AP Integrated Math 2 Plus – 240715, 240740

10 Credits	Grade(s) 9-12
1 Year Course	

UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, LHS, MHS, THS

Description: In Integrated Mathematics II, 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 focus on the following areas: (1) extend the laws of exponents too rational exponents; (2) compare key characteristics of quadratic functions with those of linear and exponential functions; (3) crease and solve equations and inequalities involving linear, exponential, and quadratic expressions; (4) extend work with probability; and (5) establish criteria for similarity of triangles based on dilations and proportional reasoning. This course will also cover seven additional (=) standards to prepare students for advanced courses: (1) extend polynomial identities to the complex numbers; (2) know the Fundamental Theorem of Algebra and show that it is true for quadratic polynomials; (3) construct a tangent line from a point outside a given circle to the circle; (4) apply the general Multiplication Rule in a uniform probability model and interpret the answer in terms of the model; (5) use permutations and combinations to compute probabilities of compound events and solve problems; (6) use the probabilities to make fair decisions; and (7) analyze decisions and strategies using probability concepts.

Integrated Math 3 – 240810

10 credits	Grade(s) 10-12
1 Year Course	
UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, LHS, MHS, THS

Description: In Integrated Mathematics III, students integrate and apply the mathematics they have learned from their earlier courses. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. For the Integrated Mathematics III course, instructional time will focus on four critical areas: (1) apply methods from probability and statistics to draw inferences and conclusions from data; (2) expand understanding of functions to include polynomial, rational, and radical functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems.

Pre AP Integrated Math 3 Plus - 240815

10 credits	Grade(s) 10-12
1 Year Course	

UC Requirement	c
CSU Requirement	Math
School Sites	BCHS, LHS, MHS, THS

Description: In Pre-AP Integrated Math 3, students will build on their learning from Integrated Math 1 and Pre-AP Integrated Math 2 and engagement in the Eight Mathematical Practices with a focus on four critical areas of Mathematics III: (1) apply methods from probability and statistics to draw inferences and conclusions from data; (2) expand understanding of functions to include polynomial, rational, and radical functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems. Additionally, Pre-AP Integrated Math 3 will provide instruction on the College & Career Ready (+) standards in Integrated 3, including complex numbers, trigonometry, and probability, as well as several of the College & Career Ready (+) standards unique to Pre-calculus, incorporating further instructional time on complex numbers, trigonometry, inverse functions, and polar coordinates. Students successful in Pre-AP Integrated Math 3, along with the prerequisite Pre-AP Integrated Math 2, will have had the requisite Pre-calculus instruction to be ready to move directly to Calculus.

Math 180 Course 2 – 246300

10 Credits	Grade(s) 9-12
1 Year Course	
School Sites	MHS

Description: Math 180 Course II is the second year of a comprehensive intervention program designed to equip students with the knowledge, reasoning and confidence to be successful in Integrated Math I.

High School Math – 245700

10 Credits	Grade(s) 9-10
1 Year Course	
School Sites	BCHS, IHS, LHS, MHS, THS

Description: 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. The lessons in the course meet all of the content standards and embed the “Mathematical Practices” of the Common Core State Standards released in June 2010.

Personal Finance CP - 246510

10 Credits	Grade(s) 11-12
1 Year Course	

UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, IHS, LHS, MHS

Description: This course is open to junior and senior level students only. The Personal Finance courses is an introductory course that will provide students with an in depth understanding of finance and investing so that they will be able to use these applications in everyday life. Topics covered include basic personal finance, mortgages, insurance, real estate transactions, and fraud. Students will be required to work with their peers and develop projects throughout the year to demonstrate their understanding of the material. Recommended pathway: A grade of “B” or better in Integrated Math 1 CP.

Pre-Calculus – 245110

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, LHS, MHS, THS,

Description: 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.

AP Calculus AB – 248016

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, LHS, THS, MHS

Description: AP Calculus AB covers elementary functions, differential and integral calculus and parallels the college level course. Upon completion, students will be eligible to take the AP examination in calculus and earn college credits. A graphing calculator is recommended. This course uses a “5-point A” grading system. This course meets the UC and CSU recommendation for advanced math electives. Students are strongly encouraged to take the AP exam. Recommended pathway: A grade of “C” or better in Pre-Calculus, recommendation of instructor, and acceptable score on the CSU-UC pre-calculus diagnostic exam.

AP Calculus BC – 248116

10 Credits	Grade(s) 11-12
1 Year Course	

UC Requirement	c
CSU Requirement	Math
School Site(s)	LHS, THS, MHS, BCHS

Description: AP Calculus BC is a full-year course in 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 and credit in a course that is one course beyond that granted for Calculus AB. This course uses a “5-point A” grading system. Students are strongly encouraged to take the AP Calculus Exam.

Statistics CP – 248310

10 Credits	Grade(s) 11 & 12
1 Year Course	
UC Requirement	c
School Site(s)	BCHS, MHS

Description: 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 Probability and Statistics – 248316

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	c
CSU Requirement	Math
School Site(s)	BCHS, LHS, MHS, THS

Description: This course covers exploratory data analysis, data collection, probability, and statistical inference and parallels a college level statistics 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 may be placed in this course based on the application process used in Honors/AP courses. Students are strongly encouraged to take the AP exam.

Foundations of Computer Science - 466110

10 Credits	Grade(s) 9-12
1 Year Course	

UC Requirement	c
CSU Requirement	Math
School Site(s)	LHS

Description: This course introduces students to the breadth of the field of computer science through an exploration of engaging and accessible topics. The focus is on the conceptual ideas of computing and helping students understand why certain tools or languages might be utilized to solve particular problems, rather than focusing the entire course on learning particular software tools or programming languages. Strong problem solving skills will be needed and used. The course goal is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as human interface design, limits of computers, introduction to robotics, and societal and ethical issues. No prior computer hardware or software knowledge is necessary. Assessment will be based on homework, teamwork, and projects; there will be no tests.

AP Computer Science A – 465716

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	
CSU Requirement	
School Site	THS

Description: 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.

Applied Mathematics with Robotics - 465900

10 Credits	Grade(s) 9-12
1 Year Course	
School Site	BCHS, THS

Description: The goal of this course is to teach mathematics through the use of robotics and to develop 21st century skills like: cooperation and collaboration, teamwork and problem solving, critical thinking and creativity. Students will learn how mathematics is a crucial part of technology and how it directly affects the creation of the robotics that they build.

Math Tutor – 249700

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS, LHS, IHS

Minimum GPA requirement for all sites

Description: 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 activities carried out by the class.

PHYSICAL EDUCATION

Physical Education 1 – 250000

10 Credits	Grade(s) 9
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS, IHS, MCHS

Description: 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, volleyball, tennis, flag football, self defense, soccer, softball, indoor hockey, pickle ball, 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

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS, IHS

Description: 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.

Weight Training – 255100

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	BCHS, IHS, LHS & MHS,

	THS
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Description: 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 use of free weights, weight machines, and aerobic conditioning.

Dance and Movement – 250100

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	MHS

Description: This program is designed to provide students the opportunity to participate in a beginning dance class. The class will teach the fundamentals of jazz, hip-hop, ballet and choreography.

Individual, Dual & Team Sports – 256000

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	MHS, THS

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

Spin - 256010

2.5 Credits	Grade(s) 10-12
Quarter Class	
School Site	BCHS

Description: The spin class is designed to provide the opportunity for students to improve cardio-respiratory endurance, strength and flexibility through spinning. Students will learn the proper form and technique to be safe and successful while spinning. Within the spin section students will have the opportunity to create their own spinning routine that will be shared and student lead.

Boot Camp - Year – 256700

10 Credits	Grade(s) 10-12
1 Year Course	
School Site	LHS

Description: This year long physical education course Boot Camp class will help students get into shape, reduce stress, increase energy, and build confidence. During the boot camp section students will learn how to properly warm up and cool down, exercise at high intensity using calisthenics, strength workouts, dumbbells, medicine balls, agility ladders obstacle courses and much more. Upon completion of the boot camp fitness section, student will be able to design and execute their own challenging and fun fitness programs.

Physical Education Exploratory Softball - 256610

5 Credits	Grade(s) 10-12
Semester Class	
School Site	BCHS

Description: 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 Soccer – 256500

2.5 Credits	Grade(s) 10-12
Quarter Class	
School Site	BCHS

Description: The soccer class will provide the opportunity for students to learn the rules, fundamentals, skills and strategies of soccer. To learn conditioning drills that reinforce skills required for soccer. To learn how to correctly execute required skills and techniques and understand how Kinesiology relates to a healthy individual lifestyle.

Physical Education Exploratory Football - 256300

5 Credits	Grade(s) 10-12
Semester Course	
School Site	BCHS

Description: 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 Basketball – 256400

5 Credits	Grade(s) 10-12
Semester Course	
School Site	BCHS

Description: 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.

Independent Study P.E. – 255300

5 Credits	Grade(s) 10-12
1 Semester Course	
School Site(s)	BCHS, THS

Description: This program is provided for the student who is actively involved in athletic activity which may lead to state or national competition NOT under the auspices of their high school, and who wishes to receive physical education credit for this activity. Students must provide written verification from a sport governing agency of a national ranking in their individual athletic activity to be eligible for this course. Students must petition on an annual basis for acceptance into the program.

SCIENCE

Introduction to Applied Agriculture Science (Career

Technical Education) – 407600, 407610, 407641

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	d
CSU Requirement	Elective
School Site(s)	BCHS, LHS, THS

Description: 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 and Soil Chemistry (Career Technical Education) - 407300, 407341, 407310

10 credits	Grade(s) 10-12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS, THS

Description: 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 a 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, student 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.

Sustainable Agriculture Biology (Career Technical Education) - 407200, 407241, 407210

10 Credits	Grade(s) 9-10
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS, THS

Description: Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major section, or unites, each with a guiding question. Unit one addresses the questions, what is sustainable agriculture? Unit two, how sustainable agriculture fits into our environment? Unit three, what molecular biology principles guide sustainable agriculture? Unit four, How do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem? 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.

Earth/Physical Science – 265100

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS, IHS

Description: This is a course that is designed to prepare the high school student with a solid foundation in the concepts of the earth and physical sciences as described in the Science Content Standards for grades K-12. Since the standards at the high school level are not grade specific but instead cover all four years, this course will provide the students with the knowledge and background in the Earth Sciences, Physics, and Chemistry strands described in the standards so that they will be successful in other high school courses.

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

Earth/Physical Science CP – 265110

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	g
CSU Requirement	Science
School Site(s)	BCHS, LHS, MHS, MCHS, THS

Description: This course is designed to prepare the student with a solid foundation in the concepts of the earth and physical sciences. This course provides the students with knowledge and background in the earth sciences, physics, and chemistry strands. Homework and lab work are required.

Biology – 260300

10 Credits	Grade(s) 10
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1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS, IHS

Description: This is a course that is designed to prepare the high school student with a solid foundation in the concepts of biological sciences and chemistry as described in the Science Content Standards for grades K-12. Since the standards at the high school level are not grade specific, but instead cover all four years, this course will provide the student with the knowledge and background in the Biology/Life and Chemistry strands described in the standards so that they will be successful in other high school courses. **This course meets the District graduation requirements, but not the UC/CSU a-g entrance requirements.**

Biology CP – 260310

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS, MHS, MCHS, THS

Description: This course is designed to prepare the college-bound student with a solid foundation in the concepts of biological sciences and chemistry. This course provides the students with knowledge and background in the Biology/Life and Chemistry strands. Homework and lab work are required.

Pre-AP Biology – 260312

10 Credits	Grade(s) 9-10
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	LHS, THS, BCBS

Description: This is a college-prep course that is designed to prepare the college-bound student with a solid foundation in the concepts of biological sciences and chemistry as described in the newly adopted Science Content Standards for grades K-12. Since the standards at the high school level are not grade specific, but instead cover all four years, this course will provide the students with the knowledge and background in the Biology/Life and chemistry strands described in the standards so that they will be successful in other high school courses.

AP Biology – 267016

10 Credits	Grade(s) 11-12 LHS – Grades 10-12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCBS, MHS, THS, LHS

Description: Advanced Placement Biology is an intensive, in-depth second year biology course for students who seek additional challenge. This course provides student 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. It is strongly recommended that students complete Chemistry prior to enrolling in Biology AP.

Marine Biology CP – 265010

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	THS, IHS, MHS

Description: 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. *Recommended pathway: completion of Earth/Physical Science and Biology.*

Chemistry CP – 260710

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCBS, LHS, MHS, MCHS, THS

Description: Chemistry is a one year physical science laboratory course. Topics covered include elementary atomic theory, formulas, equation writing, stoichiometry, heat and heat flow, gases and their behavior, electronic structure of the atom, bonding, periodicity, reaction rates, equilibrium, acids and bases, and oxidation and reduction.

AP Chemistry – 267116

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCBS, LHS, THS, MHS

Description: This is an accelerated second year chemistry course using mathematical and laboratory models to develop an understanding of Chemistry. The course content includes reactions, thermo chemistry, bonding, and kinetics. Students will be eligible to take the AP examination in Chemistry and may earn college credit. This course partially fulfills the CSU and UC lab science requirement. Students are strongly encouraged to take the AP exam.

Chemistry Honors – 260712

10 Credits	Grade(s) 11-12
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1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site	LHS, THS

Description: Honors/Pre-AP Chemistry is a first-year chemistry course that exceeds the requirements of the Next Generation Science standards for high school chemistry. Topics studied include measurement, matter, energy & heat, gases, atomic structure, nuclear chemistry, electronic structure, periodicity & the periodic table, chemical formulas & nomenclature, covalent bonding & molecular geometry, intermolecular forces, solutions, chemical reactions & equations, oxidation & reduction, the mole, stoichiometry, kinetics & equilibrium, and acids & bases. Honors Chemistry prepares students to take chemistry for science majors in college, AP Chemistry, and/or the SAT subject test in chemistry.

Environmental Science CP – 265210

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	MHS

Description: This course is designed for students who have a desire to continue their studies in the biological sciences but do not have the necessary math skills to take Chemistry or Physics. This course examines attitudes toward nature and the use and misuse of the environment with an emphasis on the local environment. Ecological principles pertaining to population, resources, and pollution are studied regarding their impact upon the environment and society. Solutions to developing a sustainable relationship with our environment are examined.

Forensics – 263110

10 Credits	Grade(s) 10-12
1 Year Course	
School Site(s)	LHS

Description: 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.

AP Environmental Science – 265216

10 Credits	Grade(s) 11-12
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1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	THS, LHS (12 th Gr. Only)

Description: 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. This course partially fulfills the CSU and UC lab science requirement. *Recommended pathway: completion of Biology and Chemistry with a grade of "C" or better.*

Astronomy – 260010

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	d
CSU	Elective
School Site(s)	MHS

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

Geology CP – 262010

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	MCHS

Description: This course is designed for the student with a special interest in the planet on which we live. Topics covered include: the geological history of the Earth, plate tectonics, identification and interpretation of mineral rocks, surface features, California geology and planetary geology.

Physics CP – 261310

10 Credits	Grade(s) 10-12
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1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS, THS, MHS

Description: This is a college preparatory course intended to expose students to a variety of fundamental physics-related concepts including: motion, forces, conservation laws, properties of waves, sound, light/optics, and electromagnetism. This course focuses on understanding fundamental physics concepts, with reinforcement of these concepts through learning problem-solving skills in both a class and lab setting.

AP Physics I - 267316

10 Credits Grade(s) 11-12	
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Sites	BCHS, LHS, MHS, THS

AP Physics is an algebra-based introductory 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.

AP Physics II – 267416

10 credits Grade(s) 11 – 12	
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Sites	BCHS, MHS

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 issues.

Conceptual Physics CP – 264010

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS (Gr. 10-12), MHS

Description: 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 ties to practical, everyday experiences.

Anatomy & Physiology CP – 262310

10 Credits Grade(s) 10-12	
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	BCHS, LHS, THS, MHS

Description: This is a one-year laboratory college preparatory course in the study of human biology. The structure and function of the various systems of the human body is studied in detail. Human diseases and exercise physiology are studied in relation to an individual's changing environment.

Science Laboratory Assistant – 269600

10 Credits Grade(s) 11-12	
1 Year Course	
School Site(s)	BCHS, LHS, THS, MHS

Minimum GPA Required.

Description: 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

10 Credits Grade(s) 11-12	
1 Year Course	
School Site(s)	BCHS

Minimum GPA required for all sites.

Description: 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.

PLTW: Principles of Biomedical Sciences - 267500

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site	BCHS

Description: This course provides entry level instruction and preparation for advanced training in Biomedical Sciences. Employment possibilities include, but are not limited to Biological Technicians and Medical & Clinical Laboratory Technicians. Instruction covers areas such as homeostasis, metabolism, and inheritance of traits, feedback systems, and defense against disease. Engineering principles are also incorporated into the curriculum. These include the design process, feedback loops, fluid dynamics, and the relationship of structure to function. Students explore the concepts of human medicine and are introduced to research processes and to bioinformatics.

Applied Science with Robotics - 268010

10 credits	Grade(s) 11 & 12
1 Year Course	
UC Requirement	g
CSU Requirement	Science
School Site(s)	LHS & THS

Description: Applied Science with Robotics course of study focuses on NGSS physical science standards and engineering practices through the use of robotics to develop 21st century skills.

Human Diseases and Disorders – 267642 Health Career Academy Students Only

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	d
CSU Requirement	Science
School Site(s)	MHS

Description: This course introduces Health Career 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 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.

SOCIAL SCIENCE

American Law & Order - 272000

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	g
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, MHS, THS

Description: 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.

World Geography CP – 272410

5 Credits	Grade(s) 9
1 Semester Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, MHS, MCHS, THS

Description: 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.

World History – 271100

10 Credits	Grade(s) 10
1 Year Course	
School Site(s)	BCHS, LHS, MCHS, THS, MHS, IHS

Description: 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

10 Credits	Grade(s) 10
1 Year Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, MHS, MCHS, THS

Description: 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 European History – 277416

10 Credits	Grade(s) 10
1 Year Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	THS, MHS, BCHS

Description: 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 College Board Advanced Placement test in European History. A satisfactory score (3, 4, or 5) means the student could receive college credit for this subject. This course meets the "A" requirement for the U.C. system, as well as the California State Standards for World History. The course is designed in a way that promotes critical thinking and prepares students for Common Core material.

U. S. History – 270900

10 Credits	Grade(s) 11
1 Year Course	
School Site(s)	BCHS, LHS, MCHS, THS, MHS, IHS

Description: Students study the major turning points in American history in the twentieth 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 federal courts as well as the continuing tension between the individual and the state. **This course meets the District graduation requirement in the UC/CSU a-g entrance requirements.**

U.S. History CP – 270910

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, MCHS, MHS, THS

Description: Students study the major turning points in American history in the twentieth 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 federal courts as well as the continuing tension between the individual and the state.

AP U.S. History – 277516

10 Credits	Grade(s) 11
1 Year Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, THS, MHS

Description: 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. This course meets the District's U.S. History requirement and the UC and CSU history requirement.

U. S. Government – 270300

5 Credits	Grade(s) 12
1 Semester Course	
School Site(s)	BCHS, LHS, MCHS, THS, MHS, IHS

Description: This semester-long course is designed to develop democratic values while pursuing a deeper understanding of the institutions of American government. Emphasis is placed on civic values, citizenship, voting, community participation, and the relationships among federal, state, and local governments; with a firm understanding of why our democratic form of government was developed and how its functions today. **This course meets the District graduation requirement in the UC/CSU a-g entrance requirements.**

U.S. Government CP – 270310

5 Credits	Grade(s) 12
1 Semester Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, MCHS, THS, MHS

Description: 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

5 Credits	Grade(s) 12
1 Semester Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, THS, MHS

Description: 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. Upon completion, students will be eligible to take the AP examination in government. This course meets the district's Government graduation requirement, as well as UC and CSU history or elective requirement.

Agricultural Economics – 406210, 406241

5 credits	Grade(s) 12
Semester Course	
UC Requirement	g
CSU Requirement	Economics
School Site(s)	BCHS, LHS, THS

Description: This is a college preparatory course for students interested in pursuing agricultural studies in college with an emphasis on the application of democratic, civic and economic principles to agricultural practice. This course is designed for the student interested in understanding the operations and institutions of economic systems as applied to our nation's largest industry-agriculture. Unites of instruction include basic economic concepts, comparative systems, individual and aggregate economic behavior and international trade and policy. Instruction is also given in leadership, citizenship, and career education. This course will meet the economic graduation requirements.

Agricultural Government – 406110, 406141

5 credits	Grade(s) 12
Semester Course	
UC Requirement	a
CSU Requirement	Government
School Site(s)	BCHS, LHS, THS

Description: The twelfth grade course of study focuses on the structure and processes of the United States Government System. Initial emphasis will be on the responsibilities and rights of citizenship, voting, political parties, elections, campaigns, the Constitution, the branches of government, and the Bill of Rights. Additionally, the course will compare the political power at the local, state, national, and global levels. A consistent focus throughout the course will be an analysis of the role that both the government and the voters play in developing policies and laws affecting the Agriculture Industry. This course meets the state government graduation requirement.

AP Human Geography - 277716

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	a
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, THS, MHS

Description: The purpose of this course is to introduce 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. A special emphasis will be on the development of critical thinking and writing skills necessary for the essay portion of the AP examination.

Economics – 270100

5 Credits	Grade(s) 12
1 Semester Course	
School Site(s)	BCHS, LHS, MCHS, THS, MHS, IHS

Description: During the semester-long economics course, students will learn fundamental economic concepts. Emphasis will be placed on decision-making strategies to help students make reasoned decisions on economic problems as citizens, workers, consumers, business owners, managers, and members of civic groups. Students will be required to utilize previously learned skills in working with graphs, charts, statistics, and economic equations. **This course meets the District graduation requirement in the UC-CSU a-g entrance requirements**

Economics CP – 270110

5 Credits	Grade(s) 12
1 Semester Course	
UC Requirement	g
CSU Requirement	Social Science
School Site(s)	BCHS, LHS, MCHS, THS, MHS

Description: In this semester 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 Micro Economics - 277016

5 Credits	Grade(s) 12
1 Semester Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	THS

Description: 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 Macro Economics - 277116

5 Credits	Grade(s) 12
1 Semester Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	BCHS, LHS

Description: 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.

AP Psychology – 277616

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	BCHS, MHS, LHS, THS

Description: The advanced placement Psychology course is designed to give students the opportunity to earn up to three units of college credit in their junior or senior year. 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. Meets UC and CSU elective requirement.

Sociology CP – 271510

5 Credits	Grade(s) 11-12
1 Semester Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	LHS, BCHS

Description: 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.

Psychology CP – 271610

5 Credits	Grade(s) 11-12
1 Semester Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	LHS, MHS, THS, BCHS

Description: 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 – 271410

5 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	g
CSU Requirement	Elective
School Site(s)	THS

Description: 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.

SPECIAL EDUCATION

Personal Management 1

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS (9 th Gr. Only), THS

Description: This class focuses 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. Students study the foundations for understanding a variety of social and personal relationships. *Recommendation by the Individualized Education Program (IEP) team.*

Personal Management 2

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This is an intermediate course focusing on interpersonal skills, communication skills, practical living skills training, lifestyle choices, and problem solving. *Recommendation by the Individualized Education Program (IEP) team.*

Personal Management 3

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This is an intermediate course focusing on self-advocacy, analyzing career options, managing finances and portfolio development. *Recommendation by the Individualized Education Program (IEP) team.*

Personal Management 4

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This is an advanced course focusing on goal setting, post-secondary decisions, personal relationships, setting up a household, and planning for a career, including vocational training and/or college. *Recommendation by the Individualized Education Program*

Career Exploration

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This is a school and work-based learning course that requires students to participate in 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. Students use the results of this self-assessment to evaluate their potential for certain jobs and to develop plans for continued education. Students participate in industry tours, job shadowing, exploratory work experience, and service learning activities. *Recommendation by the Individualized Education Program (IEP) team.*

Career Preparation

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: 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. *Recommendation by the Individualized Education Program (IEP) team.*

Community Service/Service Learning

10 Credits	Grade(s) 9-12
1 Year Course (2 periods per day)	
School Site(s)	BCHS, LHS, MHS, THS

Description: Students have opportunities to serve their community through volunteer work (non-paid). *Recommendation by the Individualized Education Program (IEP) team.*

Career English

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: Students learn how to write business letters, memos, resumes, and to fill out related forms. Students create a portfolio which includes: a resume, business letter, an I-search project based on their community service, work experience, or ROP coursework, and a vocational journal. *Recommendation by the Individualized Education Program (IEP) team. This course meets requirements for a Certificate of Achievement.*

Your Role in Society and Community

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This course is a life skills based learning course that requires students to learn the practical skills necessary to independently handle the duties and responsibilities of citizenship and living in the United States as they apply to daily living. *Recommendation by the Individualized Education Program (IEP) team.*

Life Skills Math 1

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This course is designed to provide students skills in basic computing. The focus is on addition, subtraction, multiplication, and division, money and measurement. *Recommendation by the Individualized Education Program (IEP) team.* This course meets requirements for a Certificate of Achievement.

Life Skills Math 2

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This course is designed to provide students skill in basic computing and functional math skills. The focus is on applications for independent living skills requiring computing, budgeting and money management skills, i.e., sales tax, consumer finance, household budget development, checkbook maintenance and measurement. *Recommendation by the Individualized Education Program (IEP) team.* This course meets requirements for a Certificate of Achievement.

Life Skills Science 1 – Physical and Earth Science

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS

Description: This is an integrated course introducing concepts in Physical and Earth with an emphasis on life skills and safety. *Recommendation by the Individualized Education Program (IEP) team.*

Life Skills Science 2 – Biology & Anatomy

10 Credits	Grade(s) 9-12
1 Year Course	
School Sites	BCHS, LHS, MHS, THS

Description: This is an integrated course introducing concept with an emphasis on life skills and safety. *Recommended by the Individualized Education Program (IEP) team.*

Consumer Economics

10 Credits	Grade(s) 9-12
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1 Year Course	
School Site(s)	BCHS, LHS, MHS, THS
Description: This course is a life skills based learning course that requires students to learn the practical skills necessary to responsibly handle the financial aspects of life, and gain an understanding of common economic terms and concepts and economic reasoning as they apply to daily living. <i>Recommendation by the Individualized Education Program (IEP) team.</i> This course meets requirements for a Certificate of Achievement.	

Study Skills

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, IHS, LHS, MHS, THS

Description: This course is designed to provide students with supports 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. *Recommendation by the Individualized Education Program (IEP) team and students may be enrolled for more than one session concurrently, also as determined by the IEP team. This course meets requirements for a diploma as well as for a Certificate of Achievement.*

Intensive Reading Instruction

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	MHS, LHS, THS, BCHS

Description: This course is designed for any student, general or special education, who experiences reading challenges similar to beginning readers and who need to develop reading skills through intensive reading instruction. *Recommendation and enrollment for this course can be made by the Individualized Education Program (IEP) team, counselor, or English teacher, based on need, as determined by curriculum-based assessment results.*

Life Skills English 1

10 Credits	Grade(s) 9-12
1 Year Course	
School Site(s)	BCHS, LHS, THS, MHS

Description: This course is designed to provide students fundamental 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.* This course meets the requirements for a Certificate of Achievement.

Life Skills English 2

10 Credits	Grade(s) 9-12
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1 Year Course	
School Site(s)	BCHS, LHS, THS, MHS
Description: This course is designed to build upon the fundamentals of writing skills obtained in Life Skills English 1. Students will complete reports and learn to write stories, letters, business documents and different types of essays. Students will gain skills in revising and editing their work. Students will collect samples of their written work and personal career documents in a portfolio. Students will also read American literature. This course is intended for sophomores through seniors on the Certificate Pathway.	

VISUAL AND PERFORMING ARTS

Art 1 – 285010

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS, THS, IHS

Description: 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 – 285110

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	LHS, MHS, THS, IHS

Description: 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.

Recommended pathway: Successful completion of Introduction to Art

Art 3 – 285215

10 Credits	Grade(s) 11-12
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1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS, THS, IHS

Description: 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.

Recommended pathway: Successful completion of Intermediate Art or a portfolio submission.

AP Art History - 292016

10 Credits Grade(s) 10-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, THS

Description: 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

10 Credits Grade(s) 11-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, MHS

Description: This course is designed to address a very 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 that are 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. *Recommended pathway: Advanced Art with a grade of "B" or better, portfolio review and instructor recommendation.*

AP Studio Art 2D Design Portfolio – 285316

10 Credits Grade(s) 11-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, MHS

Description: 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, but are not limited to, 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. This course meets the graduation requirement and the UC and CSU Visual and Performing Arts requirement.

AP Studio Art 3D Design Portfolio - 285416

10 Credits Grade(s) 10 – 12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	MHS

Description: 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.

Ceramics 1 – 280010

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS 10-12, LHS, MHS, THS, IHS

Description: 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 intro may not be repeated for credit.

Ceramics 3 - 280015

10 Credits Grade(s) 10-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	LHS, MHS, THS, IHS

Description: Ceramics advanced provides the opportunity and direction to pursue a variety of complex wheel thrown and hand built projects. Greater exploration of surface techniques is included. The cultural/historical aspects of ceramic art are incorporated throughout the course. This course may be repeated for additional credit.

Recommended pathway: Successful completion of Ceramics Introduction.

Sculpture 1 – 281210

10 Credits	Grade(s) 9-12
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1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, MHS

Description: 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. This course may not be repeated for credit.

Recommended pathway: Approval of instructor or introduction to Art.

Photography 1 – 280510

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS (9 th Gr.), THS

Description: This course concentrates on the production of high-quality, black and white photography, with an emphasis on exhibition work. Film developing, enlarging, darkroom procedures, camera usage, lighting techniques, and other technical information are presented through lecture, demonstration, and student activities.

Photography 3 – 280515

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS (Gr. 11-12), MHS, THS

Description: Students in Advanced Photography continue to explore and improve upon the techniques learned in Introduction to Photography. There is an increased opportunity to pursue special projects and alternative processes, including both silver-based photography and digital imaging. This course may be repeated for additional credit.

Recommended pathway: Successful completion of Introduction to Photography.

Graphic Design 1 - 285510

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS (10-12 Gr. Only), MHS, THS

Description: 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 - 285515


10 credits	Grade(s) 10-12
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1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS Gr. (11-12), MHS

Description: This course is an advanced level computer art and design class. Students build on what was learned in Beginning Graphic Design 1 and extend their knowledge of color theory, composition, typography and computer painting and drawing techniques. Projects include posters, package designs, logos, ads and brochures which may have direct job applications. Web design and animation may be included.

Instructor approval recommended or "C" or better. See CTE for more graphic design courses.

Graphic Design 1 & 2 (Career Technical Education) – 575175

10 Credits		 Earn 4 Units of College Units
UC Requirement	f	
CSU Requirement	VAPA	
Class Restrictions: LHS 10 th – 12 th Grades		
Location: Lodi High, Tokay High		

Description: This course is a graphic 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. This class satisfies the UC/CSU "F" requirement for Art. *There are consumable materials used in this class. An optional lab fee may be collected if the student wishes to purchase these materials. Course can be repeated for credit.*

Broadcasting-Multimedia: Communication Arts – 286110

10 Credits	Grade(s) 9-11
1 Year Course	
UC Requirement	f
School Site(s)	BCHS

Description: Broadcasting-Multimedia: Communication Arts is an introductory level course that provides an overview of communication as it relates to multimedia concepts. This course is designed to provide students with a basic understanding of multimedia elements as a medium of communication about topics and themes relevant to the lives of students and their communities. Students gain competency in production techniques, relying heavily upon learned problem-solving methods and integrate learned theories into all original multimedia projects.

Broadcasting-Multimedia: Advanced Communication Arts – 286180

10 Credits	Grade(s) 11-12
1 Year Course	
School Site(s)	BCHS

Description: Advanced Communication Arts is a rigorous course that builds upon the foundation of knowledge gained in introductory journalism, computer, and graphic design courses and expands upon those concepts. This course is designed to provide students with a clear understanding of the use of advanced multimedia elements to produce a journalistically sound, well-written news show that possesses strong elements of integrity, dignity, and creativity.

Choir 1 – 230400

10-15 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	
CSU Requirement	VAPA
School Site(s)	BCHS, MHS, LHS, THS

Description: 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.

Choir 2 – 230510

10-15 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, MHS, THS, LHS

Description: 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. The course may be repeated for additional credit. *Recommended pathway: Successful completion of Beginning Choir.*

Choir 3 – 230515

10-15 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS, THS 11-12

Description: 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. Attendance at scheduled performances is mandatory. This course may be repeated for credit. *Recommended pathway: Audition and approval of instructor.*

Piano 1 – 238410

10 Credits	Grade(s) 9-12
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1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS, THS

Description: This class is for beginners. Students learn basic piano techniques as well as music theory.

Piano 3 – 238415

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	LHS, MHS, THS

Description: Students continue learning piano techniques as well as music theory.

Symphonic Band – 238610

15 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS, THS

Description: 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, performances, and fundraising events is mandatory.** This course may be repeated for credit. *Recommended pathway: Approval of instructor.*

Jazz Ensemble – 230110

15 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, THS

Description: 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, performances, and fundraising events is mandatory.** Concurrent enrollment in Symphonic Band, Wind Ensemble, or Orchestra is required. This class may be repeated for credit. *Recommended pathway: Approval of instructor.*

Orchestra – 230310

10-15 Credits	Grade(s) 9-12
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1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS, THS

Description: 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, performances, and fundraising events is mandatory.** This class may be repeated for credit.

Band 1 – 238010

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, LHS, MHS, THS

Description: 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.

Percussion Ensemble – 232810

7.5 Credits	Grade(s) 9-12
School Sites	

Description: This is primarily a performing organization. Entrance is by instructor approval only. The percussion ensemble may perform at many band reviews, athletic events, concerts, festivals, and civic events. Members of the percussion ensemble will perform whenever the band performs in its many fall and spring events, but the ensemble 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. This class meets the "F" requirements for the University of California. This class may be repeated for credit. (SCU and US) Fulfills Fine Arts Requirements.

Oral Interpretation/Performing Arts – 290210

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	LHS, BCHS

Description: Oral Interpretation is one of the oldest of human social activities - a speaker gives life to words on a page. Students analyze the meaning and feeling 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, and perform, for others. Through the art of oral interpretation, students learn appreciation for literature in its varied forms and develop skills for presentation.

Theatre Arts 1 – 291110

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	MHS, THS, BCHS, LHS

Description: This course introduces students to all aspects of theatre production. Students study acting techniques, improvisation, storytelling, pantomime, dramatization, and characterization, as well as writing simple play scripts, studying literature of the theatre, history and play production. Students are expected to participate in all class projects on an on-going basis. Students are required to see one play per quarter.

Theatre Arts 2 – 291210

10 Credits Grade(s) 10-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, MHS, THS

Description: This course emphasizes advanced acting techniques, theatre history, theatre 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 theatre 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 portfolio and production books. Student are asked to rehearse outside of class time and are required to see one play per quarter. *Recommended pathway: successful completion of Theatre Arts 1 and instructor approval.*

Theatre Arts 3 – 291315

10 Credits Grade(s) 11-12	
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	THS, BCHS, MHS

Description: 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 theatre and drama with performances of monologues and duet scenes. It continues to emphasize advanced acting techniques, theatre 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 theatre direction: director's intent; script interpretation; various styles represented by a wide range of ethnically diverse playwrights; and dramatic and literary analysis. *Recommended pathway: Successful completion of Theatre Arts 2 and instructor approval.*

Stage Production/ Play Production – 290010

10 Credits	Grade(s) 9-12
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1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	BCHS, MHS, THS

Description: This course is an exploration and practical usage of theatre technology and play production. Students are involved in one or more of the following aspects of theatre: set design and construction, make-up, properties management, stage management, technical theatre including lights and sound, costume design and performance.

Children's Theatre –

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	pending
CSU Requirement	pending
School Site(s)	BCHS

Description: This course will build on and develop more in-depth skills from Theatre Arts 1, including theatre 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 theatre. 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.

Performing Arts Teacher Assistant – 291496

5 Credits	Grade(s) 10-12
Semester Course	
School Site(s)	BCHS, LHS (Gr. 11-12)

Minimum GPA required at all sites.

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

Performing Arts Tutor – 291497

5 Credits	Grade(s) 11-12
Semester Course	
School Site(s)	BCHS, LHS

Minimum GPA required for all sites.

Description: Student 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. This Performing Arts Tutor will also provide peer learning in the rudiments of the art form, ex. leading class discussion, teaching a skill, and performing when needed. *Recommended pathway: Experience and Instructor approval.*

Dance 1: Dance I – 235510

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	THS

Description: Students are introduced to eight different styles of dance including ballet, modern interpretive, jazz, tap, musical theatre, 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. *Students are required to have dance shoes.*

Dance 2: Dance Choreography – 235010

10 Credits	Grade(s) 10-12
1 Year Course	
UC Requirement	f
CSU Requirement	VAPA
School Site(s)	THS

Description: Further study of dance styles and research in movement to design for class and performance are mandatory for a passing grade. All extracurricular and work schedules need to be rearranged to meet rehearsal and performance requirements. *Jazz shoes are required. Recommended pathway: successful completion of Dance 1*

Dance 3: Dance Performance and Production – 235200

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	Pending
CSU Requirement	VAPA
School Site(s)	THS

Description: This course promotes advance dance skill in style and design. Students work on production of shows, e.g. programs, stage setting, flyers, announcements, lighting, and sound design. All extracurricular and work schedules need to be rearranged to meet rehearsal and performance requirements.

WORLD LANGUAGE

French 1 – 220410

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	LHS, MHS, THS

Description: This course is conducted partially in French 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 Francophone communities. This course will begin students' preparation for the AP French Language Exam.

French 2 – 220415

10 Credits	Grade(s) 9-12
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1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	LHS, MHS, THS

Description: 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. This course will further students' preparation for the AP French Language Exam.

French 3 – 220510

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	LHS, MHS, THS

Description: 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. This course will advance students' preparation for the AP French Language Exam.

French 4 – 220515

10 credits Grade(s) 9-12	
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Sites	LHS, THS

Description: 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). Students expand their awareness of the French-speaking world through contemporary and literary-based readings, as well as current event and internet findings.

AP French – 227016

10 Credits Grade(s) 11-12	
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	LHS

Description: This course will be conducted almost entirely in French, and is designed to provide intensive practice in French for students to elevate their level of French proficiency and pass the AP language exam. This class is comparable to college and university courses that focus on speaking and writing in French 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.

Italian 1 – 220210

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS

Description: 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 be introduced to the Italian-speaking culture through slides, videos, games and activities.

Italian 2 – 220215

10 Credits Grade(s) 10-12	
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS

Description: 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 - 220310

10 Credits Grade(s) 9-12	
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS

Description: 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.

Italian AP - 220216

10 Credits Grade(s) 11-12	
1 Year Course	

UC Requirement	pending
CSU Requirement	pending
School Site(s)	BCHS

Description: 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 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.

Spanish 1 – 220610

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS, LHS, MHS, THS

Description: 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. This course will begin student preparation of the AP Spanish Exam.

Spanish 2 – 220615

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS, LHS, MHS, THS

Description: 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. This course will further students' preparation for the AP Spanish Exam.

Spanish 3 – 220710

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS, LHS, MHS, THS

Description: 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. This course will advance students' preparation for the AP Spanish Exam.

Spanish 4 – 220715

10 Credits	Grade(s) 9-12
1 Year Course	

UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS, LHS, THS

Description: 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 are 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). 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 – 227516

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS, LHS, MHS, THS

Description: 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 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 – 227616

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	LHS, THS

Description: 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 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 – 222510

10 Credits	Grade(s) 9-12
1 Year Course	

UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS, LHS, THS, MHS

Description: 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. This course will help prepare students for the AP Spanish Exam. The content differs from Spanish for Spanish Speakers II.

Spanish for Native Speakers 2 – 222515

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	BCHS, LHS, THS, MHS

Description: 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 Exam. This course is comparable to college and university courses that focus on writing and speaking in Spanish at an advanced level.

Japanese 1 – 221610

10 Credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	THS

Description: 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 slides, videos, games and activities.

Japanese 2 – 221615

10 Credits	Grade(s) 10-12
1 Year Course	

UC Requirement	e
CSU Requirement	World Language
School Site(s)	THS

Description: 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 – 221710

10 Credits	Grade(s) 11-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	THS

Description: 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 - 221715

10 credits	Grade(s) 9-12
1 Year Course	
UC Requirement	e
CSU Requirement	World Language
School Site(s)	THS

Description: This course will be conducted primarily in Japanese and is designed to develop advanced listening, speaking, reading, writing, grammar and vocabulary skills. Students will improve the ability to effectively communicate in Japanese and will gain a deeper understanding of Japanese culture.