

ADDENDUM (Updated 5/12/17)

UPDATED INFORMATION AND/OR NEW COURSES ADOPTED FOR THE 2017-18 SCHOOL YEAR

(adopted by the Board of Education *after* the printing of the 2017-18 High School Course Catalog)

English

Course	Class Restrictions	Credits	Description
History, Form, and Culture of Comic Books Elk Grove Course #2683	Junior Senior	5	This course is a semester-long English elective course. It is designed to explore how mythology and history influenced the genre of comic books and how the form of comic books and graphic novels has influenced today's pop culture. Students will first consider why comic books are a genre worthy of study by examining the roots of visual storytelling and the literary/artistic qualities of the form. Students will then consider how certain characters are rooted in Greek and Roman mythology or modeled after The Hero's Journey. Finally, students will consider how various writers, illustrators, publishing companies, and the TV/film industry have shaped this genre. The research, literary analysis, and writing completed in this course will be anchored in the ELA Common Core State Standards. <i>Pre-requisite: None</i> Adopted curricular materials: <i>The Power of Comics: History, Form, and Culture, Second Edition; Bloomsbury Publishing</i>

English Learner: English

Course	Class Restrictions	Credits	Description
English Learner College and Career Writing Cosumnes Oaks Elk Grove Florin Franklin Laguna Creek Monterey Trail Pleasant Grove Sheldon Valley Course #2711	English Learner Students Only	10	This English elective writing course is designed to build language, improve literacy skills, and provide high-interest issues that prepare English Learners for college and career. The academic emphases of this course are language development, academic vocabulary acquisition, and the development of written language skills. Student-centered activities are culturally and linguistically responsive, while simultaneously teaching students effective communication strategies. Students engage in lessons with culminating writing and oral projects that equip today's College and Career bound English Learner with the communicative confidence and competence needed to realize their academic and personal potential. <i>Pre-requisite(s): Placement by site's English Learner (EL) team</i> <i>Co-requisite: 9-12 grade student who is either a LTEL or Struggling Redesignated Fluent (RF)</i> Adopted curricular materials: <i>English 3D Course II, Scholastic.</i>
English Learner Writing to Discuss and Debate Cosumnes Oaks Elk Grove Florin Franklin Laguna Creek Monterey Trail Pleasant Grove Sheldon Valley Course #2710	English Learner Students Only	10	This English elective course is designed to build language, improve literacy skills, and expand content knowledge for Long-Term English Learners (LTEL) and Struggling Redesignated students. The academic areas of emphasis in this course are language development, academic vocabulary acquisition, and the development of written language skills. Thematic units ensure that students make connections to science, math, and social studies core content areas. Instruction includes student-centered activities that are culturally and linguistically responsive while simultaneously teaching students effective reading strategies. Students engage in lessons with culminating writing and oral projects which are supported by the use of research-based best practices for teaching the listening, speaking, reading, and writing required in order to equip today's English Learner with the communicative confidence and competence needed to realize their academic and personal potential. <i>Pre-requisite(s): Placement by site's English Learner (EL) team</i> <i>Co-requisite: 7-12 grade student who is either a LTEL or Struggling Redesignated Fluent (RF)</i> Adopted curricular materials: <i>English 3D Course I, Scholastic.</i>

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Mathematics

Course	Class Restrictions	Credits	Description
Applied Mathematics Cosumnes Oaks Elk Grove Florin Franklin Laguna Creek Monterey Trail Pleasant Grove Sheldon Valley Course #3019	Freshman Sophomore Junior Senior	10	This year-long college-preparatory course supports key Mathematics I standards and introduces key Mathematics II standards. Designed for students who seek a better grasp of mathematical concepts before enrolling in Mathematics II, this course makes explicit connections between the Standards for Mathematical Practice and the Content Standards through performance tasks and project-based learning. This course prioritizes the usefulness in learning mathematics as students apply their knowledge using a variety of avenues such as surveys and art. This course meets the District math graduation requirement and the UC and CSU math requirement. <i>Pre-requisite: Completion of Mathematics I</i> Adopted curricular materials: <i>No instructional materials assigned</i>
Introduction to Advanced Mathematics Franklin Course #3046	Senior	10	This advanced course is designed to explore the calculus of multi-variable functions and the fundamentals of linear algebra. The course parallels materials from the third semester of Calculus and first semester of Linear Algebra. Topics that will be covered include partial derivatives, saddle points, the vector cross product, projection, planes, double integrals, alternate coordinate systems, inverse matrices, matrix factorization, the fundamental subspaces, vector spaces, eigenvalues and eigenvectors, orthogonality, and linear independence. The content of this course is designed to prepare students for rigorous math coursework during their first year of college. This course uses a "5-point A" grading system recognized by the CSU and UC systems. Credit may be used toward the math graduation requirement. <i>Pre-requisite: Calculus BC with a grade of C or better</i> Adopted curricular materials: <i>No textbook assigned</i>
Mathematics I A Cosumnes Oaks Elk Grove Florin Franklin Laguna Creek Monterey Trail Pleasant Grove Sheldon Valley Course #3012	Freshman Sophomore Junior Senior	10 elective credits only	This course is the first in a two-part course which integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I B, these two courses are the equivalent of Mathematics I. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice which develop conceptual understanding from multiple perspectives. Mathematics I A topics focus on the interconnectedness of function elements, tables, graphs, and equations; comparing and contrasting and decision-making using Algebraic models, and modeling using mathematical probability. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I A. This course earns elective credit only. <i>Pre-requisite: None</i> Adopted curricular materials: <i>Integrated Mathematics 1, Volume 1; Houghton Mifflin Harcourt</i>

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Mathematics (Continued)

Course	Class Restrictions	Credits	Description
Mathematics I B Cosumnes Oaks Elk Grove Florin Franklin Laguna Creek Monterey Trail Pleasant Grove Sheldon Valley <p style="text-align: right;">Course #3013</p>	Freshman Sophomore Junior Senior	10	This course is the second in a two-part course which integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I A, these two courses are the equivalent of Mathematics I. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice which develop conceptual understanding from multiple perspectives. Mathematics I B topics focus on exponential relationships, geometric transformation and congruence, the properties of lines, angles, and triangles, along with the applications of these properties; and quadrilaterals and coordinate proof. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I B. This course meets the district math graduation requirement and the UC and CSU math requirement. <i>Pre-requisite: Completion of Mathematics I A</i> Adopted curricular materials: <i>Integrated Mathematics 1, Volume 2; Houghton Mifflin Harcourt</i>

Career Technical Education (CTE) Courses

Course	Class Restrictions	Credits	Description
Automotive Services: Fundamentals Elk Grove Florin <p style="text-align: right;">Course #12315</p>	Freshman Sophomore Junior Senior	10	This course is the first course in a three-course sequence. It was designed to provide students with basic automotive shop safety, tool recognition, introduction to automotive repair, technology core, exploring automotive technology and automotive technology design. Other topics include the history, development, manufacturing, and prototyping of the automobile and its impact on the world. Throughout this course, students will be exposed to entry-level training in automotive systems including brakes, engine performance, electrical/electronic systems, and suspension/steering. After completion of this course, students will have the foundational knowledge and skills about various automotive systems in order to determine proper maintenance and repairs. Adopted curricular materials: <i>Automotive Excellence, Glencoe/McGraw-Hill</i>

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Career Technical Education (CTE) Courses (continued)

Course	Class Restrictions	Credits	Description
<p>Automotive Services: The Next Level</p> <p>Elk Grove Florin</p> <p style="text-align: right;">Course #12316</p>	<p>Sophomore Junior</p>	10	<p>This course is the second course in a three-course sequence. It is a continuation of The Fundamentals of Automotive Services course with more advanced training and more skill required in the use of tools and equipment. This course is designed to give the students the opportunity to learn practical application along with the related material in the following areas: engine rebuilding, transmissions, clutch, drive train, differentials, major tune-up, and electronic emission control systems. The students will be involved in numerous work-based learning activities such as mentorship and job shadows throughout this course. At the conclusion of this course, students will have the opportunity to showcase their knowledge and skills through a community-wide event "Elk Grove High School Car Show." <i>Pre-requisites: Completion of Automotive Services: Fundamentals with a "C" or better and English 10</i> <i>Co-Requisite: Integrated Mathematics I (recommended)</i></p> <p>Adopted curricular materials: <i>Automotive Excellence, Glencoe/McGraw-Hill</i></p>
<p>Automotive Services: Advanced</p> <p>Elk Grove Florin</p> <p style="text-align: right;">Course #12317</p>	<p>Junior Senior</p>	10	<p>This is the third course in a three-course sequence. It is the advanced-level course for the auto services pathway in which students will be applying advanced knowledge and skills to a variety of automotive systems, tools, and equipment. This course is designed to provide the opportunity to fine-tune and enhance automotive skills in order for students to be prepared for a variety of post-secondary options. These options include college and career options. The students will be involved in numerous work-based learning activities such as job shadows and internships throughout this course. At the conclusion of this course, students complete a hands-on project or service learning project as it relates to automotive services. <i>Pre-requisites: Completion of Automotive Services: The Next Level with a "C" or better; English 11 (recommended)</i> <i>Co-Requisite: Integrated Mathematics II (recommended)</i></p> <p>Adopted curricular materials: <i>Automotive Excellence, Glencoe/McGraw-Hill</i></p>
<p>Fashion I</p> <p>Laguna Creek Monterey Trail</p> <p style="text-align: right;">Course #12530</p>	<p>Sophomore Junior Senior</p>	10	<p>This course offers students an introduction to an exciting career pathway in fashion and merchandising and provides them with the background they will need to be successful within various career opportunities in the fashion industry. Students will learn the basics of design, sewing, marketing, and merchandising fashion products. This is a project-based class in which students will continue to build their 21st century skills in collaboration, communication, critical thinking, and creativity. It will culminate in two final semester projects that demonstrate their knowledge of design, illustration, basic sewing techniques, and apparel construction. In addition, this course provides in interdisciplinary approach to fashion design and merchandising through the integration of English Language Arts, Mathematics, Economics, History, and Visual Arts. This course will provide students various opportunities to meet the Speech Proficiency for Graduation Requirement. <i>Prerequisite: Completion of Art I with a grade of C or better.</i></p> <p>Adopted curricular materials: <i>Apparel Design, Textiles & Construction, 11th Edition; The Goodheart-Willcox Company</i></p>

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Career Technical Education (CTE) Courses (continued)

Course	Class Restrictions	Credits	Description
Fashion II Laguna Creek Monterey Trail <p style="text-align: right;">Course #12535</p>	Junior Senior	10	This course builds on the skills learned in Fashion I and expands students' knowledge of apparel design and construction. As part of the career development portion of this course, students take a deeper look at specific careers in the fashion and textile industry. Students gather work from various assignments, projects, and labs to create a professional portfolio. This is a project-based course that uses an interdisciplinary approach to the fashion industry; science, math, and technology will be applied in various areas of the fashion and textile design process to build career skills to develop fashion designs, illustrations, patterns, and textiles. Sewing is a key component of the course; basic and advanced sewing techniques will be used to complete two separate apparel construction projects. <i>Pre-Requisite: Fashion I with a grade of C or better</i> Adopted curricular materials: <i>Apparel Design, Textiles & Construction, 11th Edition; The Goodheart-Willcox Company</i>
Fire and Emergency Responders: Service Learning Valley <p style="text-align: right;">Course #12027</p>	Freshman, second semester	5	This course is an expansion of the "Focus on College and Career" course offered during the first semester of ninth grade. This course narrows the student's focus to public service careers including fire science, emergency medicine, wild land services, and emergency management. The course content includes classroom instruction, hands-on training, and community experiences. This course is designed to provide students with an understanding of the variety of public service agencies, employment opportunities, and the necessary skills needed for employment in the area of Emergency and Fire Services. At the conclusion of this course, students will complete a service learning project focused on the public service field. <i>Pre-requisite: Completion of Focus on College and Career</i> Adopted curricular materials: <i>No textbook assigned</i>
Principals of Mechatronics Pleasant Grove <p style="text-align: right;">Course #12339</p>	Junior	10	This course is designed to ensure that students learn about the technology that affects their lives; to help them decide what, if any, branch of technology or engineering might offer them a satisfying career; and to prepare them for advanced technology and engineering courses. Students are introduced to the use of the engineering process to solve technological problems and to the use of selected software and hardware tools. In a hands-on environment, students solve assigned problems by creating solutions that require mechanical, electrical, and/or software elements. Students must demonstrate that their solutions are adequate through testing and demonstrations as well as through oral and written reports. This integrated linkage of technical and academic knowledge and skills prepares students for enrollment in advanced academic and technical courses at all educational levels. <i>Pre-requisite: Computer Aided Design and Drafting (CADD)</i> Adopted curricular materials: <i>No textbook assigned</i>

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UPDATED COURSE INFORMATION

Drumming #6312: This course meets the high school graduation requirement.

Choir, Treble #6352: This course may be used to fulfill the UC and CSU Visual and Performing Arts requirement and the high school graduation requirement.

RECENTLY ADOPTED INSTRUCTIONAL MATERIALS

AP English Literature and Composition, #2340

The Bedford Introduction to Literature, 11th Edition, Bedford/St. Martin's

AP Macroeconomics, #1430

AP Microeconomics, #1440

Krugman's Economics for AP, Second Edition, Worth Publishers

AP World History, #1130

Worlds Together Worlds Apart, From the Beginnings of Humankind to the Present, AP Edition, W. W. Norton & Company, Inc.

AP United States Government and Politics, #1330

American Politics Today, 5th Edition High School Edition, W. W. Norton & Company, Inc.

IB English Literature HL 1, #20021

The Bedford Introduction to Literature: Reading, Thinking, Writing, Eleventh Edition, Bedford/St. Martin's

IB English Literature HL 2, #20022

English A: Literature for the IB Diploma, Oxford University Press

IB History Route 2 (Americas) HL1, #20011

History of the Americas 1880 – 1981, Course Companion, Oxford University Press

Fashion I, #12530 & Fashion II, #12535

Apparel Design, Textile & Construction, 11th Edition, The Goodheart-Wilcox Company, Inc.

Japanese Level III, #5330

Genki II, Second Edition, The Japan Times, Ltd.