

# Westmoor High School

*A California Distinguished School*



## 2015 – 2016 Course Catalog

# Westmoor High School

## Course Offerings

### Welcome!

Our school is created for the purpose of providing educational opportunities for YOU. It is a place to explore your options for the future, learn new skills, develop your talents, and deepen healthy friendships. The Westmoor staff is here to serve you. Ask them questions, seek their guidance, and use them as your sounding board. Ask their help as you seek to determine the best path for your future. This document contains information about the courses which are available at Westmoor. Some of these are necessary for graduation; others are offered to you as electives. They may help point to a direction to a future career, or they may help determine that a particular direction doesn't interest you. In either case, something valuable has been learned. In addition to the courses offered at our school, there are a variety of clubs and organizations to help balance your education. Get involved. Join an activity, a club, or an athletic team. The choices belong to you. Make the best ones you can.

My best to you!

Allan Reyes,  
Principal Westmoor High School

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This course description publication is designed to help you plan your course selections for next school year. You will find a listing and description of every course and program that is currently planned for next year. All new courses offered must be approved by Board of Trustees and all course offerings are subject to sufficient enrollment. The courses are listed by subject area (e.g., Business, English, Fine Arts, etc.). You will notice that grade levels (9, 10, 11, 12,) and any prerequisites for the courses are also listed. Make sure to study the course descriptions and then discuss your proposed sections with your teachers, parents, and counselors. Schedule changes create significant problems for students. The master schedule of classes and the assignment of teachers to teach those classes are based on courses students choose in the spring. Remember to take sufficient time to carefully select your courses because students are expected to remain in the courses they select for the duration of the course. Thank you and best wishes for your success at Westmoor.

Your Vice Principal of Guidance,  
Nina Woolsey

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Hello from the Westmoor High School Counseling department. We have five counselors with many years of experience that are here to support you academically. Our course catalog is wide and diverse. You will have the opportunity to learn new subjects while enhancing the ones that you are familiar with. We offer many elective choices, please put effort into choosing your classes. Also keep in mind that if you choose to repeat a class you will lose credits. There are a few classes that can be repeated and they are noted on page 5 by the asterisk.

Remember:

“Success doesn't come to you- you go to it.” Marva Collins.

AND

“All our dreams come true- if we have the courage to pursue them.” Walt Disney

Kindly,  
The Westmoor Counseling Team

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Sample Four – Year Plans



	<b>WHS Graduation Requirements</b>	<b>CSU Subject Requirements</b>	<b>UC Subject Requirements</b>
<b>English</b>	40 credits	4 Years	4 Years
<b>Math</b>	*30/40 credits	3 Years	3 Years (4 years recommended)
<b>Science</b>	20 credits** 1 year life science 1 year physical science	2 Years** 1 year life science 1 year physical science	2 Years** (3 years recommended)
<b>Social Studies</b>	30 credits World History U.S. History Government/Economics	2 Years World History U.S. History Government	2 Years World History U.S. History Government
<b>Language Other Than English (LOTE)</b>	10 credits  in LOTE or Fine Arts	2 Years  <u>in the same language</u>	2 Years  ( 3 years recommended)
<b>Fine Arts</b>		1 Year (visual or performing arts)	1 Year (visual or performing arts)
<b>Career Technical (CTE)</b>	10 credits	No Requirement	No Requirement
<b>P. E.</b>	20 credits	No Requirement	No Requirement
<b>Health</b>	5 credits	No Requirement	No Requirement
<b>Electives</b>	60 credits	1 Year of a college preparatory elective in History, English, Math, LOTE, Science or Fine Arts	1 Year of a college preparatory elective in History, English, Math, LOTE, Science or Fine Arts
<b>Total Credits</b>	225 Credits		

The California High School Exit Exam (CAHSEE) is a graduation requirement; all students must earn a passing score to be eligible for a high school diploma.

\* Extra year is not required if you pass the CAHSEE Math test before senior year

\*\*Life Science = Biology or Physiology

Physical Science = Chemistry or Physics

**Westmoor High School**  
**University of California (UC)/California State University (CSU)**  
**“a – g” Certified Course List 2014 – 2015**

**a. History/Social Science**

World History/Cultures/Geography CP  
 World History Enriched CP  
 World History Sheltered CP

**AP European History**

US History CP  
 US History Sheltered CP

**AP United States History**

American Government CP

**AP Government and Politics United States****b. English**

English 9 CP  
 English 9 Enriched CP  
 English 9 Sheltered CP  
 English 10 CP  
 English 10 Enriched CP  
 English 10 Sheltered CP  
 English 11CP

**AP English Language & Composition**

English 12 CP  
 Film as Literature CP  
 ELD Grammar CP

**AP English Literature & Composition****c. Mathematics**

Algebra B CP  
 Algebra 1 CP  
 Algebra 1 Sheltered CP  
 Algebra 2 CP  
 Geometry 9 CP  
 Geometry CP  
 Trigonometry Analysis CP  
 Statistics CP

**AP Statistics****AP Calculus AB****d. Laboratory Science**

Integrated Science 1 CP  
 Integrated Science 1 Sheltered CP  
 Biology CP  
 Forensics Biology CP  
 Biology Sheltered CP

**AP Biology**

Chemistry CP

**AP Chemistry**

Physics CP

**AP Physics****e. Language Other Than English**

French 1 CP  
 French 2 CP  
 French 3 CP  
 Spanish 1 CP  
 Spanish 2 CP  
 Spanish 3 CP

**AP Spanish Language****f. Visual & Performing Arts**

Art 1 CP  
 Art 2 CP  
 Ceramics 1 CP  
 Ceramics 2 CP  
 Draw & Paint CP  
 Photography CP  
 Sculpture CP  
**AP Studio Art**  
 Theatre Arts CP  
 Advanced Theatre Arts CP  
 Symphonic Band CP  
 Chorus CP

**g. College Preparatory Electives**

Law and Public Policy CP  
 Psychology CP  
 Economics CP  
**AP Economics**

## Post Secondary Opportunities

### University of California (UC)

The UC system serves the top 12.5% of high school graduates in the state of California. There are 9, four-year universities within the system offering a variety of Bachelor of Arts (BA) and Bachelor of Science (BS) degrees. Master and Doctoral postgraduate programs are also available. To qualify for admission as a Freshman, students must earn a high school diploma. Students must follow a college preparatory program and must successfully complete all “a-g” courses with a “C” grade or better each semester. Students must have a high school grade point average of 3.0 or higher to be eligible for the UC system. Those students with GPAs below 3.3 must score proportionately higher on the ACT with Writing or SAT Reasoning exams. (Beginning with the Class of 2012, SAT Subject tests are no longer required, but can be recommended for students applying to particular majors.) GPA requirements and subject requirements may vary depending on major and campus selected.

### California State University (CSU)

The CSU system is designed to accommodate the top 1/3 of all high school graduates in the state. There are 23 CSU campuses throughout the state. The CSU system offers a variety of BA and BS programs. Master degree programs are also available. To qualify for entrance as a Freshman, students must have a high school diploma. Students must follow a college preparatory program and must successfully complete all “a-g” courses with a grade of “C” or better. Students must have a high school grade point average of 2.0 or higher to be eligible for the CSU system. Those with GPAs between 2.0 and 3.0 must score proportionately higher on the ACT or SAT Reasoning exams. GPA requirements and subject requirements may vary depending on major and campus selected.

### Private Colleges

There are more than 77 private colleges and universities in California. Entrance requirements for private colleges are similar to those of the University of California or the California State University systems. Consult the individual college for specific admission requirements.

### Community Colleges

One hundred and twelve college campuses in California are part of the California Community College system. These campuses offer two-year Associate of Arts (AA) or Associate of Science (AS) degrees, certificate programs and training in specific trades and technical fields, and transfer programs where classes taken at the community college can be transferred to the University of California, California State University, and other colleges and universities.

### Technical & Business Schools

These schools offer certificates for training in a variety of vocational occupations. Most of these schools require a high school diploma or equivalent. Students who take advantage of high school preparation courses can complete training in a minimum amount of time.

# Websites of Interest

## COLLEGE SEARCH

### Local Community Colleges

Canada College – [www.canadacollege.edu](http://www.canadacollege.edu)  
City College of San Francisco – [www.ccsf.edu](http://www.ccsf.edu)  
College of San Mateo – [www.collegeofsanmateo.edu](http://www.collegeofsanmateo.edu)  
Skyline College – [www.skylinecollege.edu](http://www.skylinecollege.edu)

### California Universities

CSU – [www.csumentor.edu](http://www.csumentor.edu)  
UC – [www.universityofcalifornia.edu](http://www.universityofcalifornia.edu)  
Private – [www.aicmentor.org](http://www.aicmentor.org)  
Comprehensive – [www.californiacolleges.edu](http://www.californiacolleges.edu)

### Colleges in the United States

College Board – [www.collegeboard.org](http://www.collegeboard.org)  
Princeton Review – [www.princetonreview.com](http://www.princetonreview.com)  
U.S. News – [www.usnews.com](http://www.usnews.com) (education)  
Colleges That Change Lives – [www.ctcl.org](http://www.ctcl.org)  
Catholic Colleges – [www.catholiccollegesonline.org](http://www.catholiccollegesonline.org)  
College Prowler – [www.collegeprowler.com](http://www.collegeprowler.com)  
College Week Live – [www.collegeweeklive.com](http://www.collegeweeklive.com)

## COLLEGE TESTING

### Registration

ACT – [www.actstudent.org](http://www.actstudent.org)  
SAT – [www.sat.collegeboard.org](http://www.sat.collegeboard.org)

### ACT/SAT Test Prep

B Line Test Prep-[www.blinetestprep.com](http://www.blinetestprep.com)  
EDGE – [www.edgeeducational.com](http://www.edgeeducational.com)  
Grokit – <http://grpclot.com>  
Revolution Prep - [www.revolutionprep.com](http://www.revolutionprep.com)  
Kaplan – [www.kaplan.com](http://www.kaplan.com)  
Ivy West – [www.college-prep.ivywest.com](http://www.college-prep.ivywest.com)  
Princeton Review - [www.princetonreview.com](http://www.princetonreview.com)  
FREE SAT Practice Test & Sample Questions-<http://sat.collegeboard.com/practice>  
FREE ACT Practice Test & Sample Questions-<http://actstudent.org/sampletest/index.html>

### College Athletics

National Registry – [www.eligibilitycenter.org](http://www.eligibilitycenter.org)

### Vocational Programs

California Programs – [www.calapprenticeship.org](http://www.calapprenticeship.org)  
National Programs – [www.rwm.org/rwm](http://www.rwm.org/rwm)

### Career Exploration

CA Career Zone – [www.cacareerzone.org](http://www.cacareerzone.org)  
Sallie Mae – [www.collegeanswer.com](http://www.collegeanswer.com)  
U.S. Department of Labor – [www.bls.gov/oco](http://www.bls.gov/oco)  
O\*NET – [www.onetonline.org](http://www.onetonline.org)

### Online Tutoring Help

Khan Academy – [www.khanacademy.org](http://www.khanacademy.org)

### Financial Aid

CA Student Aid Commission – [www.csac.ca.gov](http://www.csac.ca.gov)  
CSS Profile - <https://profileonline.collegeboard.org/>  
Finaid – [www.finaid.org](http://www.finaid.org)  
FAFSA – [www.fafsa.ed.gov](http://www.fafsa.ed.gov)  
SallieMae Loan Information – [www.salliemae.com](http://www.salliemae.com)

### Scholarships

FastWeb – [www.fastweb.com](http://www.fastweb.com)  
College Scholarships – [www.collegescholarships.com](http://www.collegescholarships.com)  
Scholarships.com – [www.scholarships.com](http://www.scholarships.com)

### Volunteer Opportunities

The Volunteer Center – [www.thevolunteercenter.net](http://www.thevolunteercenter.net)

### Employment

Jobs for Youth – [www.peninsulaworks.org/youth.html](http://www.peninsulaworks.org/youth.html)

## Westmoor High School Course Offerings

**\*class can be repeated**

### ENGLISH

- \_\_\_ 1112 English 9 CP
- \_\_\_ 1140 Enriched English 9 CP
- \_\_\_ 1122 English 10 CP
- \_\_\_ 1142 Enriched English 10
- \_\_\_ 1130 English 11 CP
- \_\_\_ 1135 English 12 CP
- \_\_\_ 1218 Film as Literature CP
- \_\_\_ 1120 **AP** English –  
Language & Composition
- \_\_\_ 1137 **AP** English –  
Literature & Composition

### SOCIAL SCIENCE

- \_\_\_ 1798 World History CP
- \_\_\_ 1799 World History Enriched CP
- \_\_\_ 1770 US History CP
- \_\_\_ 1775 **AP** US History
- \_\_\_ 1531 Gov/Econ
- \_\_\_ 1531 Gov/Econ
- \_\_\_ 1529 **AP** Gov & Politics
- \_\_\_ 1569 **AP** Economics
- \_\_\_ 1802 **AP** European History

### MATHEMATICS

- \_\_\_ 2039 Algebra II CP
- \_\_\_ 2075 Consumer Math
- \_\_\_ 2008 Math Course 1
- \_\_\_ 2108 Math Course 2
- \_\_\_ 2109 Math Course 3
- \_\_\_ 2117 Trig/Precalculus
- \_\_\_ 2230 Statistics CP
- \_\_\_ 2235 **AP** Statistics
- \_\_\_ 2065 **AP** Calculus AB

### SCIENCE

- \_\_\_ 3025 Biology CP
- \_\_\_ 3056 **AP** Biology
- \_\_\_ 3045 Chemistry CP
- \_\_\_ 3050 **AP** Chemistry
- \_\_\_ 3020 Physical Science
- \_\_\_ 3011 Environmental Science CP
- \_\_\_ 3308 Forensics Biology CP
- \_\_\_ 3135 Physics CP
- \_\_\_ 3137 **AP** Physics
- \_\_\_ 3140 Physiology CP

### WORLD LANGUAGE

- \_\_\_ 4020 French 1 CP
- \_\_\_ 4040 French 2 CP
- \_\_\_ 4060 French 3 CP
- \_\_\_ 4080 French 4 CP
- \_\_\_ 4220 Spanish 1 CP
- \_\_\_ 4240 Spanish 2 CP
- \_\_\_ 4260 Spanish 3 CP

### VISUAL & PERFORMING ARTS

- \_\_\_ 6020 Art 1 CP
- \_\_\_ 6030 Art 2 CP
- \_\_\_ 6050 Ceramics 1 CP
- \_\_\_ 6055 Ceramics 2 CP
- \_\_\_ 6065 Drawing & Painting CP
- \_\_\_ 6124 Photography CP
- \_\_\_ 6135 Sculpture CP
- \_\_\_ 6211 Theater Arts CP
- \_\_\_ 6213 Adv. Theater Arts CP
- \_\_\_ \*7025 Symphonic Band CP
- \_\_\_ 7121 Vocal Music CP
- \_\_\_ 7122 Adv. Vocal Music
- \_\_\_ 6157 **AP** Studio ART

### PHYSICAL EDUCATION

- \_\_\_ 2540 PE 10
- \_\_\_ 2787 PE Athletics
- \_\_\_ 2597 PE 10 – 12 Emphasis –  
Walking for Fitness

### BUSINESS & INFORMATION TECHNOLOGY

- \_\_\_ 4505 Accounting CP
- \_\_\_ 4508 Adv. Accounting
- \_\_\_ 4532 Exploring Computer Sciences
- \_\_\_ 4605 Personal Finance
- \_\_\_ 4522 Web Design

### HOME ECONOMICS

- \_\_\_ 5680 Food & Nutrition 1
- \_\_\_ 5687 Food & Nutrition 2
- \_\_\_ 5573 Fabric Art 1
- \_\_\_ 5565 Fabric Art 2
- \_\_\_ 5588 Life Management

### INDUSTRIAL TECHNOLOGY

- \_\_\_ 5020 Auto Tech 1
- \_\_\_ 5023 Auto Tech 2
- \_\_\_ 5025 Auto Tech 3
- \_\_\_ 5225 Wood Tech 1
- \_\_\_ 5228 Wood Tech 2
- \_\_\_ 5230 Wood Tech 3
- \_\_\_ 5124 Intro to Tech. & Engineering

### OTHER ELECTIVE COURSES

- \_\_\_ 1603 World Geography
- \_\_\_ 1655 Law & Public Policy CP
- \_\_\_ \*8230 Peer Resources
- \_\_\_ 1700 Psychology CP
- \_\_\_ 1702 **AP** Psychology
- \_\_\_ \*1273 Adv. Journalism
- \_\_\_ \*8260 Student Government



## SPECIAL EDUCATION COURSES

___8092	English 12	10
___8106	English	30
___8150	Introduction to English 1	30
___8181	Introduction to English 2	30
___8221	Study Skills	20
___8398	Tutorial/Resource	20
___8221	Study Skills 2	20
___8010	Skills for Independent Living	30
___8140	Health	5
___8156	Social Communication	20
___8121	Introduction to Physical Sci	10
___8159	Introduction to Biological Sci	10
___8132	World History	10
___8103	Economics	5
___8109	Government	5
___8173	US History	10
___8234	PreAlgebra Standards A	20
___9227	PreAlgebra Standards B	20
___8118	Algebra Standards 1	10
___8101	Algebra Standards 2	10
___8164	Mathematics	40

## ENGLISH

Graduation Requirement: 40 credits

Students are expected to be enrolled in an English course for each of their four years at Westmoor High School. All English courses correlate to the California Language Arts Standards

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### English 9

The ninth-grade level class curriculum focuses on the various types of writing, as well as grammar, sentence structure, and proofreading skills. Students read *Romeo & Juliet* and other Greek, Roman, and Norse mythology. Other novels, short stories and plays are included. Lessons and assignments are focused on plot, narration, literary elements, vocabulary, and word analysis.

Grade Level: 9<sup>th</sup> Course is UC/CSU-b approved

### English 9 Enriched

Tailored and paced for the high level ninth grader, the course prepares students for higher level Honors and Advanced Placement classes. Curriculum focuses on various types of writing, grammar, sentence structure and proofreading skills. Students read *Romeo & Juliet* and other Greek, Roman, and Norse mythology. Other novels, short stories and plays are included. Lessons and assignments focus plot, narration, literary elements, vocabulary, and word analysis.

Grade Level: 9<sup>th</sup> Course is UC/CSU-b approved

### English 10

This tenth-grade level class includes formal studies in essay proficiency, grammar, vocabulary development, and word analysis. Literary elements include critical thinking instruction. Students read *To Kill a Mockingbird* and *Of Mice and Men* as well as Shakespearean plays and other texts with an emphasis on world literature.

Grade Level: 10<sup>th</sup> Course is UC/CSU-b approved

### English 10 Enriched

A rigorous and intensive course curriculum focuses on extensive vocabulary and advanced reading material. Several classic and modern novels are read, reviewed, critiqued, and analyzed. The class requires several essays and timed-writes in preparation for Advanced Placement English 11.

Grade Level: 10<sup>th</sup> Course is UC/CSU-b approved

### English 11

Curriculum involves the study of American Literature and also includes a Shakespearean play. Students read *The Crucible* and *Their Eyes Were Watching God*, as well as other stories spanning American History. Lessons and assignments focus on the "The American Dream" as the prevailing theme in the literature. Students write

formal expository essays, a memoir, poetry and a research paper.

Grade Level: 11<sup>th</sup> Course is UC/CSU-b approved

### AP English Language & Composition

A college level course in the high school setting, curriculum is rigorous, fast-paced and demanding. Lessons and assignments involve close examination of literary terms and elements. Extensive writing is required with a strong emphasis on essay writing including rhetoric and arguments. Preparation leads to the Language & Composition Advanced Placement exam in May of the school year.

Grade Level: 11<sup>th</sup> Course is UC/CSU-b approved

Prerequisites: "A" or "B" in English 10, teacher recommendation and entrance exam

### English 12

In this senior level course, students are required to write formal essay in preparation for college level writing and entrance/placement exams. Research papers and speeches are required projects. Students read novels, speeches, short stories and an array of current material. Public speaking and presentation skills are developed.

Grade Level: 12<sup>th</sup> Course is UC/CSU-b approved

### AP English Literature & Composition

A college level course in the high school setting, curriculum is rigorous and fast-paced, as students engage in the intensive study of English concepts. Possessing critical analysis skills, knowledge of literary elements, and exemplary writing skills are essential to success. Lessons and assignments lead to the Literature and Composition Advanced Placement Exam in May of the school year.

Grade Level: 12<sup>th</sup> Course is UC/CSU-b approved

Prerequisites: "A" or "B" in English 11, entrance exam and teacher recommendation

### Film Literature

This course presents film as a distinctive art form with its own history, social relevance and storytelling techniques. Lessons and writing assignments will focus on film genres, film aesthetics, literature analysis, and critical thinking skill development.

Grade Level: 11<sup>th</sup> - 12<sup>th</sup> Course is UC/CSU-b approved

Prerequisites: "C" in previous English classes

## ENGLISH LANGUAGE DEVELOPMENT

The goal of Westmoor High School's English Language Development Program (ELD) is to help students develop proficiency in English as rapidly and as effectively as possible. To help achieve proficiency, English Learner students participate in an instructional program with state adopted materials that are aligned to district and state standards.

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### 1450 ELD 1 Oral

Curriculum focuses on basic development of English language oral skills including speaking, reading, writing, and listening skills.

Grade Level: 9<sup>th</sup> - 12<sup>th</sup>

Prerequisites: ELD assessments

### 1451 ELD 1 Grammar

Curriculum focuses on the basic development of English Language grammar skills including vocabulary, writing, grammar, and reading skills.

Grade Level: 9<sup>th</sup> - 12<sup>th</sup>

Prerequisites: ELD assessments

### 1460 ELD 2 Oral

Building on the skills learned in ELD Oral I, English Language oral skills are further developed. Lessons and assignments focus on speaking, reading, writing, and listening.

Grade Level: 9<sup>th</sup> - 12<sup>th</sup>

Prerequisites: ELD assessments

### 1461 ELD 2 Grammar

Building on the skills learned in ELD Grammar I, English Language grammar skills are further developed. Lessons and assignments focus on vocabulary, writing, grammar and reading skills.

Grade Level: 9<sup>th</sup> - 12<sup>th</sup>

Prerequisites: ELD assessments

### 1453 ELD 3 Oral

Curriculum focuses on conversation, reading, vocabulary development, grammar, and literary element analysis. Writing is required and will include essays, research papers, and creative writing assignments. ELD III students must concurrently take a grade level English course.

Grade Level: 9<sup>th</sup> - 12<sup>th</sup>

Course is UC/CSU-b approved

Prerequisites: ELD assessments

### 1470 ELD 3 Grammar

Building on the skills learned in ELD 2 Grammar, English Language grammar skills are further developed. Lessons and assignments focus on vocabulary, writing, grammar and reading skills.

Grade Level: 9<sup>th</sup> - 12<sup>th</sup>

Prerequisites: ELD assessments

### 1116 English 9 Sheltered

Curriculum is designed to meet the needs of its EL students before their entry into a mainstream English class. Throughout the year, students will be required to read a variety of informational and literary texts for different purposes, using a range of reading strategies.

## **SHELTERED COURSES**

The goal of Westmoor High School's English Language Development Program (ELD) is to help students develop proficiency in English as rapidly and as effectively as possible. To help achieve proficiency, English Learner students participate in an instructional program with state adopted materials that are aligned to district and state standards.

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### **SOCIAL SCIENCE:**

#### **1799 World History Sheltered**

Level: ELD 2/ ELD 3 or English Sheltered 9

#### **1768 US History Sheltered**

Level: ELD 2/ ELD 3 or English Sheltered 9

#### **1589 Economics Sheltered/1539 Government Sheltered**

Level: ELD 2/ ELD 3 or English Sheltered 9

### **MATH:**

#### **2120 Math Course 1 Sheltered**

#### **2121 Math Course 1 Bridge Sheltered**

#### **2122 Math Course 2 Sheltered**

#### **2123 Math Course 2 Bridge Sheltered**

### **SCIENCE:**

#### **3191 Integrated Science Sheltered**

Level: ELD 2/ ELD 3 or English Sheltered 9

#### **3979 Biology Sheltered**

Level: ELD 2/ ELD 3 or English Sheltered 9

### **CAREER TECHNICAL EDUCATION:**

#### **4668 Computer Foundations Sheltered**

#### **4669 Computer Concepts 2 Sheltered**

#### **8055 Health Education Sheltered**

#### **1087 Language Lab**

## SOCIAL SCIENCE

Graduation Requirement: 30 credits

Required Courses: Economics, American Government, U.S. History, and World History, Culture & Geography

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### American Government

In this senior year course, student will apply knowledge gained in the previous history courses in order to study the United States government institutions. Students will study the rights and responsibilities of being a United States citizen.

Grade Level: 12<sup>th</sup> Course is UC/CSU-a approved

### AP Government

This is a rigorous and academically challenging college-level course with extensive writing and research. Curriculum prepares students for the AP exam.

Grade Level: 12<sup>th</sup> Course is UC/CSU-a approved

Prerequisites: Teacher recommendation, writing sample, GPA analysis

### Economics

This senior year course covers fundamental economic concepts, financial institutions, graphing, statistics, and economic decision making. Lessons and assignments will also cover the interplay between economic concepts and American Culture.

Grade Level: 12<sup>th</sup> Course is UC/CSU-g approved

### AP Economics

This is a rigorous and academically challenging college-level course with extensive writing and research. Curriculum covers fundamental economic concepts such as financial markets/institutions, graphing, statistics and economic decision making. Students prepare for and take the AP exam in May of the school year.

Grade Level: 12<sup>th</sup> Course is UC/CSU-g approved

Prerequisites: Teacher recommendation, writing sample, GPA analysis

### Law & Public Policy

In this course, students will study the many different aspects of the legal systems including jurisdiction, criminal law, civil law and the effect of judicial decisions on our daily lives. Grade Level: 11<sup>th</sup> - 12<sup>th</sup> Course is UC/CSU-g approved

### Psychology see page 17

### AP Psychology see page 17

### U.S. History

Curriculum covers the major events and changes in American society during the 20th and early 21st centuries.

Grade Level: 11<sup>th</sup> Course is UC/CSU-a approved

### AP U.S. History

This is rigorous college level course that is designed to prepare students for the AP exam.

Grade Level: 11<sup>th</sup> Course is UC/CSU-a approved

Prerequisites: Teacher recommendation, writing sample, GPA analysis

### World History, Culture & Geography

Course curriculum examines major turning points in the shaping of the modern world. Students will also study global conflict and cooperation, interdependence, and the important historical events of the 20th and early 21st centuries.

Grade Level: 10<sup>th</sup> Course is UC/CSU-a approved

### World History, Culture & Geography - Enriched (E)

In this accelerated, more in-depth course, curriculum examines major turning points in the shaping of the modern world. Students will also study global conflict and cooperation, interdependence, and the important historical events of the 20th and 21st centuries.

Grade Level: 10<sup>th</sup> Course is UC/CSU-a approved

Prerequisites: Teacher recommendation and writing sample

# MATHEMATICS

Graduation Requirement: 30 credits

Placement in all math courses is determined based on test scores, grades, teacher recommendation, and other department assessments

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## Course 1

Math Course 1 is an integrated curriculum modeled on the international math pathway and is the first course in the JUHSD's three year college prep math sequence. It is A-G approved and aligned to meet Common Core content standards and mathematical practices. Math Course 1 will primarily focus on five main topics: Number and Quantity, Algebra, Functions, Geometry, and Statistics with probability. In the Algebra units, instructional time will focus on (1) Seeing Structure in Expression, (2) Creating Equations, and (3) Reasoning with Equations and Inequalities. In the Functions units, this course will (1) Interpret Functions, (2) Build Functions, and (3) Compare and Contrast Linear, Quadratic, and Exponential Models. In the Geometry units, the focus will be on (1) Congruence and (2) Expressing Geometric Properties with Equations. In the Statistics and Probability units, the concentration will be on Interpreting Categorical and Quantitative Data.

## Course 2

Math Course 2 is an integrated curriculum modeled on the international math pathway and is the second course in the JUHSD's three year college prep math sequence. It is A-G approved and aligned to meet Common Core content standards and mathematical practices. Math Course 2 will primarily focus on three main topics: Quadratic functions and equations, Geometry and probability. In the quadratic units, instructional time will focus on (1) Modeling with quadratic functions and (2) solving quadratic equations. The geometry units will cover (1) coordinate geometry (2) Similarity and (3) geometric modeling. The probability unit will leave students with the ability to (1) describe events as subsets of a sample space (2) understand how two events A and B are independent, and (3) calculate conditional probabilities.

## Course 2 Bridge

This course is designed as a bridge between Course 1 and Course 2 to address content requirements needed to be successful in Course 2. The outcomes are similar to Course 1 with an emphasis on the underlying skills necessary access Course 1 skills and practices. This content may include working with properties of real numbers, solving and graphing linear equations, inequalities and systems of linear equations. Identifying and interpreting linear and non-linear functions. The Geometry units will focus on basic definitions and rigid motion, tools and construction, geometric relationships and properties. In the Statistics and Probability units students will represent data with plots on the real number line and understand mean, median, mode and standard deviation. Course 2 bridge is not A-G approved.

## Algebra II

This course builds upon algebraic concepts covered in Algebra I. Topics include functions and their graphs, quadratic functions, inverse functions, advanced polynomial functions, and conic sections. Students are introduced to rational, radical, exponential, and logarithmic functions; sequences and series and probability and statistics.

## Consumer Math

This course focuses on the application of mathematics for personal and business use. It includes skills such as finding and comparing costs, determining discount and sale price, buying on credit, computing wages and taxes, balancing a checkbook, using metric measures, borrowing money, and investing. It also covers fundamental math topics such as the order of operations on real numbers, fractions, decimals, percent, ratio and proportion, and statistics with probability. Consumer math is not A-G approved.

## **Statistics**

This course is an introduction to the study of probability and statistics with a focus on the analysis, interpretation and presentation of data. Students will study and understand the relationship of, and difference between correlation and causality. Mastery of this academic content will provide students with a solid foundation in statistical analysis and facility in processing statistical information.

## **AP Statistics**

The AP course in statistics is designed to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The course focuses on four conceptual themes. (1) Describing patterns and departures from patterns (2) Sampling and Experimentation including planning and conducting a study (3) Anticipating Patterns, including exploring random phenomena using probability and simulation and (4) Statistical Inference including Estimating population parameters and testing hypotheses. Students who successfully complete the course and take the AP exam may receive credit for a one-semester introductory college statistics course.

## **Trig/Precalculus**

Precalculus covers college level Algebra and Trigonometry and is designed to prepare students for the study of Calculus. It focuses on understanding, solving and graphing trigonometric functions, their inverses and identities. Algebra topics include work with exponential and logarithmic functions, sequences and series, vectors, parametric equations, polar coordinates, and the exploration limits.

## **AP Calculus-AB**

This course is the equivalent to the first semester of a college-level calculus course. Topics include Asymptotic and unbounded behavior, continuity as a property of functions, The derivative at a point and as a function, second derivatives with applications, properties of definite integrals with applications to modeling physical, biological, or economic situations, techniques of antidifferentiation including applications and numerical approximations to definite integrals and finally the Fundamental Theorem of Calculus. Students who successfully complete the course and take the AP exam may receive credit for the first semester of college calculus.

## **AP Calculus-BC**

The course outline for calculus BC includes all the topics in calculus AB plus polynomial approximations, series of constants, Taylor series, parametric, polar, and vector functions. Students who successfully complete the course and take the AP calculus BC exam may receive credit for the first two semesters of college



## SCIENCE

Graduation Requirement: 20 credits – one year of physical science and one year of biological science  
Placement in all Science courses is determined based on test scores, grades, teacher recommendation, and other department assessments

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### Biology

Biology is the science of living things. In this course, students will study the latest biological findings and techniques. Laboratory work will employ basic instruments and techniques.

Grade Level: 9<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-d approved

### AP Biology

AP Biology is a college-level course and follows the curriculum designed to prepare students to take and pass the AP examination during the second semester.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-d approved

Prerequisites: “B” or higher in Biology, “C” or higher in Chemistry, instructor’s permission.

### Chemistry

Fundamental concepts and laboratory techniques are studied.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-d approved

Prerequisites: Teacher recommendation; “B” or higher in Algebra I and “C” or higher in Biology

### AP Chemistry

A college level course preparing students to take and pass the AP examination in May of the school year.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-d approved

Prerequisites: Teacher recommendation

### Environmental Sciences

This is a yearlong class that examines the physical aspects of the Earth, the oceans as well as the atmosphere. We will examine the impact of human behavior on the earth and its systems and examine what measures can be done to minimize the damage of our behaviors. We will investigate the delicate balance between the earth’s different systems and theorize the effects of each if one were to change.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-g approved

\*Course is UC/CSU approved as a college preparatory elective

### Forensic Science

Students will study all areas of science: Biology, Chemistry, Physics and Earth Science. Lessons and

assignments will focus on solving crimes using scientific knowledge, experience and critical thinking skills. Standard laboratory equipment and procedures common to forensic and molecular biology laboratories are utilized and emphasized.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-g approved

\*Course is UC/CSU approved under g - college preparatory elective

### Introduction to Physical Science

This is a one year Earth Science course that will fulfill the district physical science requirement to graduate. In this course, students will investigate questions such as how old is the Earth, why do volcanoes erupt, what forces cause mountains to form, why does our daily weather change, what are the consequences of climate change, what causes ocean currents, how did planets form, etc. Students will explore these ideas, and more, using a variety of strategies which include discussion, video presentations, laboratory activities, projects and group work. The course is also designed to develop appreciation for Earth and its neighbors and invite students to be more proactive and engaged in protecting and preserving the environment.

Grade Level: 9<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-g approved

### Physics

This course is an analytical study of the basic physical principles of the universe. Topics covered include mechanics, heat, sound, light, electricity and magnetism, quantum and atomic physics, and nuclear physics. Conceptual and mathematical approaches to problem solving are intertwined. Laboratory experiments are integral to the course.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-d approved

### AP Physics

A college level course that prepares students to take and pass the AP exam in May of the school year.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-d approved

### Physiology

Course curriculum focuses on the basic facts and concepts of human anatomy and physiology. Lessons and assignments will emphasize the structure and function of the human anatomy including cells, tissue, organ systems, coordinated functions, mechanisms, and body control systems.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-d approved

Prerequisites: “C” or higher in Biology or Chemistry



## LANGUAGE OTHER THAN ENGLISH

Graduation Requirement: 10 credits of LOTE *OR* Fine Arts

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### French 1

Lessons and units focus on the fundamentals of conversation, pronunciation, basic vocabulary, grammar, and translations. An introduction to the four skills of listening, speaking, reading and writing in French is covered. Students will also study cultural aspects of the language through tapes, films, projects and the Internet.

Grade Level: 9<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-e approved

### French 2

Students continue to develop listening, oral, and writing skills. Lessons and assignments cover intermediate French grammar and include the reading of stories in French. Students continue to study cultural aspects of the language through tapes, films, projects, and the Internet.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-e approved

Prerequisites: "C" or higher in French 1-2

### French 3

Students will hold discussions in French, read short stories and plays in French and study advanced grammar and translations. Emphasis is placed on vocabulary building, speaking skills, writing, and conversation.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-e approved

Prerequisites: "C" or higher in French 3-4

### French 4

Students will continue holding discussions and reading short stories and plays in French. Lessons will focus on advanced grammar and translations, with an emphasis on vocabulary building. Students will deepen their knowledge of the French language and its related cultural aspects in addition to developing conversation facility in French spontaneously.

Grade Level: 12<sup>th</sup> Course is UC/CSU-e approved

Prerequisites: "C" or higher in French 5-6

### Spanish 1

Lessons and units focus on the fundamentals of conversation, pronunciation, basic vocabulary, grammar, and translations. An introduction to the four skills of listening, speaking, reading and writing in Spanish is covered. Students will also study cultural aspects of the language through tapes, films, projects and the Internet.

Grade Level: 9<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-e approved

### Spanish 2

Students continue to develop listening, oral, and writing skills. Lessons and assignments cover intermediate Spanish grammar and include the reading of stories in Spanish. Students continue to study cultural aspects of the language through tapes, films, projects, and the Internet.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-e approved

Prerequisites: "C" or higher in Spanish 1-2

### Spanish 3

Students will hold discussions in Spanish, read short stories and plays in Spanish and study advanced grammar and translations. Emphasis is placed on vocabulary building, speaking skills, writing, and conversation.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-e approved

Prerequisites: "C" or higher in Spanish 3-4

# FINE ARTS

Graduation Requirement: 10 credits of Fine Arts *OR* World Language

## Art 1

This introductory course inspires students to think more creatively and improve his/her communication by exploring elements and principles of art through hands-on projects. Students will build skills in drawing, painting, sculpture, design, and writing through a variety of media, collage, pastels and fabrics. The importance of visual art in world culture is the foundation for exploring diverse topics in the history of art.

Grade Levels: 9<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-f approved

## Art 2

Students add to the skills and knowledge of materials and concepts from Art 1-2 to explore painting, drawing, sculpture, printmaking and crafts in a deeper way. Media may include silkscreen, acid-etched mirrors, calligraphy, graphic design, technology, textiles, pen & ink and pastels.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-f approved

Prerequisites: "C" or higher in Art 1-2

## Sculpture

This class literally rocks! Learn the secrets of Michelangelo's stone carving, the splendor of cathedral stained glass, Alexander Calder's floating mobiles, making mosaic art for the school to see and more! Do you need a new art experience to express yourself? If you like using your hands and would like to work with safe hand tools such as nippers, pliers, saws, drills, polishers, hammers, chisels, then working with clay, glass, stone, alabaster, tile and wood, this class is for you. If you like to work outside in the quad where we get down and dirty, or inside when we get & serious, if you like working in teams or alone, then you should sculpt with us!

## Theater Arts

This theater arts course will emphasize the four principles of the state of California's framework for the visual and performing arts. The course will use the Glencoe text "The Stage and the School "and study acting in classic theater scenes. The course will include comedy improvisation and students will create plays in a manner known a "devised theater" which brings the cast into the writing of the play. Every week students will be expected to take an exam on ten pages of reading from the text. They will be required to perform twice each report period and finally they must keep a journal. Students will be trained on how to use and care for theater equipment.

## Advanced Theater Arts

Advanced Theater Arts is a course in which students are directly involved in production, directing, script writing, choreography, acting techniques, costuming, and makeup. Student productions will be performed throughout the year. Students are expected to honor their commitments in fulfilling class and student production obligations.

## AP Studio ART AP Studio Design

Offered to advanced art students, this course guides and assists them in the preparation of a portfolio of at least 24 artworks to be submitted for evaluation by the College Board. A passing score on the portfolio evaluation earns college credit for a foundation course in two-dimensional (2-D) design. The creative energy and time demanded for portfolio preparation require a high level of enjoyment and self-discipline in working independently on visual art projects. Work will be assigned in the summer prior to the school year in order that students are on track to complete the portfolio by the mandatory date of submission. A student who enrolls in AP Studio Art 2-D commits to submitting a portfolio to the College Board for evaluation.

## Ceramics 1

Students are introduced to a variety of methods of creating functional and decorative clay objects. The study of glazing, decorative methods, design and hand-building techniques such as coiling, pinching, sculpting and building with slabs are covered in a variety of hands-on projects. Students learn how to work with a potters' wheel.

Grade Level: 9th-12th Course is UC/CSU-f approved

## Ceramics 2

Projects and lessons are formulated to allow students the opportunity to work on challenging projects, further developing the skills and knowledge from Ceramics 1-2. Students are expected to prepare independent plans/projects according to their own interests and desires. Work on the potters' wheel continues.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-f approved

Prerequisites: "C" or higher in Ceramics 1-2

## Chorus

This course is open to all students who are interested in singing in a group; students do not need any previous formal musical training or experience. Choir members will benefit from a variety of musical experiences and will explore different musical styles including jazz, popular music, show tunes, the classics and many others. If you doubt your singing ability, please see the teacher for a vocal consultation.

Grade Level: 9<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-f approved

## Drawing & Painting

This course offers students' opportunities to further develop their interests and skills in drawing and painting. Students will learn techniques such as water coloring, acrylic, tempera painting as well as how to draw with charcoal, pen & ink, pencil and other materials. Lessons and projects may include portraits, landscapes, still-life and perspective drawing. Field trips to museums and other places of artistic interest may be included and will add to the students' enjoyment of the class.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-f approved

Prerequisites: One year of high school level art

## Introduction to Photography

The course covers topics in the history of photography, as well as the use of photography by contemporary artists, journalists and commercial designers. Students learn how to develop and print black-and-white film in a traditional darkroom. Projects and assignments will explore the many ways of using photos as a means of self-expression. Topics in digital photography may be added if funding permits the acquisition of digital darkroom equipment. Student must have their own 35 mm camera; cameras do not need to be brought to school.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course is UC/CSU-f approved

## Percussion

A beginning music class for students with no prior musical experience, students will learn how to read music and a variety of musical instruments. Students will practice for and are required to attend and perform at festivals, graduation, field trips, and other school/community activities such as rallies, fall/spring concerts and others as specified by the instructor.

Grade Level: 9th -12th

# **PHYSICAL EDUCATION**

Graduation Requirement: 20 credits

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## **Physical Education 9<sup>th</sup> Grade (PE 9)**

The ninth grade P.E. program consists of a variety of team and individual sports, including swimming. The goal and overarching philosophy focus on giving students a taste of many different activities encouraging life-long fitness and health. Activities and lessons teach students the basic skills and rules that form the basis for P.E. 10.

Grade Level: 9<sup>th</sup> Grade

## **Physical Education 10<sup>th</sup>**

Students will participate in a wide variety of sports and athletic activities including football, basketball, volleyball, hockey, badminton, tennis, soccer, swimming, softball, weight training, and personal fitness. While basic skills are taught, emphasis is placed on learning more advanced techniques. The primary goal is to offer students a wide variety of activities that will raise not only their fitness level but also their respective self-images.

Grade Level: 10<sup>th</sup> -12<sup>th</sup>

## **Physical Education 11<sup>th</sup>-12<sup>th</sup>**

This course is designed for students who have not yet completed their two year PE requirement. They will do a variety of PE activities. Skill level will depend upon the make-up of the class.

## **Physical Education – Athletics**

Designed for students who participate in after-school athletics, students will participate in sport-specific activities in preparation for interscholastic sports competition. Athletic teams are open to all Westmoor High School students who meet the following criteria:

- 1) maintain a 2.0 grade point average
- 2) have an up-to-date physical examination (valid for one year)
- 3) parent/guardian permission
- 4) health insurance.

Grade Level: 10<sup>th</sup> -12<sup>th</sup>

## **PE Walk for Fitness**

In this course, students will gain an understanding of cardiovascular fitness through walking and conditioning. Students will be able to develop a personal walking program based on their individual needs. Students are expected to attend class with a positive attitude, be prepared, listen and follow directions and participate to the best of their ability. The 10 – 12 PE Standards will be integrated throughout the curriculum and students will also participate in team sports, combative and tumbling. The emphasis on the class will remain Walking for Fitness.

## CAREER TECHNICAL EDUCATION

Graduation Requirement: 10 credits from Business, Home Economics or Industrial Arts.

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### **BUSINESS AND INFORMATION TECHNOLOGY**

The Business Department offers two career paths: Computer Application /Information Systems and Accounting. Students may earn community college credit by participating in a recommended sequence of study during their junior or senior year. Brochures describing these programs are available upon request.

#### **Accounting 1**

Accounting is the “heart” of every business. Students will learn financial and managerial accounting as it pertains to sole proprietorships, partnerships, and corporations with special emphasis on the accounting cycle, preparing financial statements and reports, analyzing results, and making sound business decisions to promote a financially healthy business. This course is part of the Finance and Business Industry Sector and the Career Pathway is Accounting Services. This course earns articulated credits via the Jefferson Union High School District’s articulation agreement with Skyline College. The course is also UC/CSU approved as a college preparatory elective.  
Prerequisites: Algebra 1 with C or better

Grade Levels: 11<sup>th</sup> & 12<sup>th</sup> Course is UC/CSU-g approved

#### **Advanced Accounting**

This class continues and expands upon the concepts learned in Accounting 1 to include principles and procedures for a business organized as a corporation. Students learn accounting for uncollectible accounts, inventory, notes, accrued revenue and expenses, and dividends. Some automated accounting concepts are covered. College credit may be earned.

Grade Levels: 11<sup>th</sup> & 12<sup>th</sup>

#### **Exploring Computer Science**

#### **Computer Foundations**

In this semester-long course based on IC3 certification, students will be introduced to Microsoft Office including Word, Excel, Access and PowerPoint. Students will develop Internet search skills, learn to analyze the reliability of information found on the Internet, use career exploration applications and strengthen keyboarding speed and accuracy.

Grade Level: 9<sup>th</sup> -12<sup>th</sup>

#### **Personal Finance**

Curriculum is built around an engaging computer simulation where students will participate in fun and interactive activities. Topics such as budgeting, saving, investments and credit are covered that stress the importance of setting financial goals and how to reach them; wise spending habits; costs and the responsibilities of credit cards; defense against unfair and deceptive business practices.

Grade Levels: 9<sup>th</sup> -12<sup>th</sup>

#### **Web Design**

Students will learn professional web design using the same software used by leading web design companies around the world: Adobe Creative Suite (In Design, Dream Weaver 8, Flash 8, Photoshop, and Fireworks 8). Students will be working in a professional web design environment and will be responsible for maintaining Westmoor High School’s website. Community college credits may be earned.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Prerequisites: Computer Foundations or Exploring Computer Sciences. Also Algebra 1 with C or better

## CAREER TECHNICAL EDUCATION

Graduation Requirement: 10 credits from Business, Home Economics or Industrial Arts.

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### **HOME ECONOMICS**

#### **Fabric Art 1**

Students are introduced to the necessary basic skills to construct clothes and handicrafts. Design and handicraft projects may include crocheting, embroidering, knitting, quilting, fabric painting, macramé, and fashion design. Students will use the sewing machine, make color sections and become familiar with fabric care specifics.

Grade Level: 9<sup>th</sup> -12<sup>th</sup>

#### **Fabric Art 2**

Students build on the basic skills and techniques learned in Fabric Art & Design to include seam finishes and the language of following a pattern. Students will be asked to design, create and analyze projects which may include crocheting, embroidering, knitting, pattern design, macramé, fabric painting and design. Students will work with the teacher on individual projects of interest on through prototypes in the design process.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Prerequisites: Fabric Art & Design

#### **Food & Nutrition 1**

In this course, students will learn the skills necessary to plan, prepare, and serve well-balanced meals. Lessons focus on safety, sanitation, and nutrition which help ensure students lead healthy lifestyles. Time and budget management are also emphasized. Food preparation begins with easy, simple dishes and leads to the preparation of more sophisticated, complete meals. The program uses the first year of Pro-Start. Guest speakers are utilized to inform students about career opportunities in the food & nutrition fields and other health & safety support occupations.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Course Note:

#### **Food & Nutrition 2**

Building on the concepts and skills learned in Food & Nutrition, students learn to prepare more complex dishes while further developing their culinary and safety skills.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Prerequisites: Food & Nutrition

#### **Life Management**

Curriculum focuses on preparing students to live independently with an emphasis on relationships, consumer/family issues and job skills. Child development topics from conception through early childhood are studied as emphasis is placed on personal growth and awareness. Activities and projects may include: budgeting, resume writing, being responsible for a baby, planning & preparing simple meals and basic sewing skills. Guest speakers will focus on community resources, job opportunities and career paths.

Grade Level: 9<sup>th</sup> -12<sup>th</sup>

### **INDUSTRIAL ARTS**

#### **Automotive Mechanics 1 – 2**

Introduces students to the wide variety of automotive vehicles, students learn basic car construction, how to remove, repair and replace component parts. A safety unit is covered.

Grade Level: 10<sup>th</sup> -12<sup>th</sup>

#### **Automotive Mechanics 3 – 4**

Students build on the knowledge and skills acquired in Automotive Mechanics 1 to complete an engine overhaul the first semester. During the second semester, students are exposed to electronic computer controls. General troubleshooting, service maintenance, mechanical restoration, pollution control device work, suspension and transmission service skills are also covered. Students who pass the course with a “B” or higher may qualify for direct access to the Skyline College Automotive Program.

Grade Level: 11<sup>th</sup> -12<sup>th</sup> Prerequisites: “C” or higher in Automotive Mechanics 1

#### **Automotive Mechanics 5 – 6**

Building on the skills acquired in Automotive Mechanics 2, students continue to work with electronic computer controls, automobile troubleshooting, service maintenance, mechanical restoration, pollution control device work, suspension, and transmission service. Students who pass the course with a “B” or higher may qualify for direct access to the Skyline College Automotive Program.

Grade Level: 12<sup>th</sup> Prerequisites: “C” or higher in Automotive Mechanics 2

## **CAREER TECHNICAL EDUCATION**

Graduation Requirement: 10 credits from Business, Home Economics or Industrial Arts.

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### **INDUSTRIAL ARTS**

#### **Introduction to Technology & Engineering**

In this fast-paced course, students are introduced to technology and engineering through hands-on lessons and experiences. Students learn and master skill sets in areas of technological investigation including aeronautics, computerized numerical controls, design drafting, electricity, electronics, fiber optics, mechanics, pneumatics, and robotics. Engineering segments include automotive, mechanical and structural.

Grade Level: 9<sup>th</sup> -12<sup>th</sup>

#### **Wood Technology 1**

Offering a variety of exploratory experiences in cabinet making, wood finishing and turning, students learn the correct and safe usage of tools, machines, materials and processes. Emphasis is placed on good design and craftsmanship; classroom instruction includes both general and technical information while career pathways are also explored.

Grade Level: 9<sup>th</sup> -12<sup>th</sup>

#### **Wood Technology 2**

Building on the skills mastered in Wood Technology 1, students use new tools, machines and specialized techniques to refine techniques in wood working. The curriculum provides students opportunities to pursue experimentation, research and product development. Sub areas will be covered, and students are allowed to select areas of study. Accuracy, neatness, and safe work habits are stressed. Career guidance and opportunities are presented.

Grade Level: 10<sup>th</sup> -12<sup>th</sup> Prerequisites: "C" or higher in Wood Technology 1

#### **Wood Technology 3/4**

Curriculum extends previously acquired knowledge and skills through individual, group and production activities concentrated on one or more selected sub areas. New industrial techniques are introduced and efficient utilization of time and methods of obtaining accuracy are studied and applied. Students will learn to operate and maintain sophisticated machines and equipment; and as such, safety instruction is integrated into all phases of the program.

Grade Level: 12<sup>th</sup> Prerequisites: "C" or higher in Wood Technology 2/3



## ADDITIONAL COURSES

Depending on the course, the following class could be a specific graduation requirement or be applied as elective credit.

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### Health

This course covers many topics of vital personal interest to high school students. Topics covered include first aid, the effects of drugs, alcohol, and tobacco on the body, signs of cancer, skin problems, and sexually transmitted diseases including AIDS, environmental problems, the birth process, abstinence/contraceptives, nutrition, eating disorders, emotional well-being, and suicide. Students should be able to demonstrate a working knowledge of first aid techniques and show progress in developing coping skills in decision making.

Grade Levels: 9<sup>th</sup> -12<sup>th</sup> Health Education is a graduation requirement

### Peer Resources

In this course, students learn effective communication skills, explore teen-related issues and learn conflict mediation skills. Once trained, students will work as campus conflict mediators helping other students with their problems and conflicts.

Grade Level: 11th -12th Prerequisites: 2.0 GPA

### Advanced Journalism- Yearbook

Students will write, design layouts and take photographs to produce the school newspaper and yearbook. Students should have a strong desire to write and are expected to fulfill their commitment to the completion of these projects.

Grade Level: 10th -12th Prerequisites: Permission of instructor

Course credits do not count towards English and will be applied as elective credits

### Student Government

Open to all students, students are involved in phases of the Westmoor High School student activities. Some activities include determining the student body budget, working with and planning concessions on campus, fundraising, planning lunch time activities, rallies, and advertising for school-wide functions.

Grade Level: 9th -12th Prerequisites: 2.0 GPA

### Psychology

Psychology is the study of human behavior and mental processes. Some of the topics covered in this course include: personality development, intelligence, dreams, mental disorders, and various theories and therapeutic methods.

Grade Levels: 10 <sup>th</sup> - 12 <sup>th</sup>	Course is UC/CSU-g approved
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### AP Psychology

This two-semester, college-level survey course prepares students for the AP Psychology Exam. It explores the field of psychology including: History and Approaches; Research Methods; Biological Basis of Behavior; Sensation and Perception; Motivation and Emotion; Stress; Consciousness; Human Development; Learning and Memory; Thinking, Language, Testing & Intelligence; Personality Theory; Abnormal Psychology and Therapy; and Social Psychology. Completing both semesters of this course is necessary to meet the UC requirement for the “g” elective.

Grade Level: 11th -12th

Prerequisite: Desire to take a challenging course and complete college-level work. Completion summer reading and writing assignment.

## **ADD/DROP POLICY**

Student enrolled in year-long or semester-long courses are expected to fulfill the course requirements. Westmoor High School encourages all students to take the course selection process seriously. Please note most schedule changes can only be accommodated during the first thirteen days of the academic school year. **Westmoor High School adheres to a strict policy of no schedule changes based on teacher preference, time preference, or the desire for easier classes.**

## **ADVANCED PLACEMENT (AP) AND HONORS COURSES**

Enrollment in AP and Honors courses is based on academic achievement, teacher recommendations, assessments, writing samples, and artwork submissions. Because of space limitations and high demand for these courses, students are encouraged to prepare themselves early. Students who wish to enroll in AP and Honors courses can do so if they meet the respective prerequisites and complete the appropriate registration process. (*AP Test is not mandatory*)

## **AP APPEALS PROCESS**

Appeals should be student generated but a parent may initiate an appeal on a student's behalf. For an appeal to be considered, the student must have participated in the registration and enrollment process and have completed all course prerequisites. Seat availability in the class is a factor that will be considered. Final decisions will be made by the appealing student's previous teacher, current AP course teacher, counselor and the respective department chairperson. If the appeal is granted, the student and parent must sign an AP contract; acknowledging their understanding of the rigorous nature of the course and AP exam policies and fees. The student is expected to remain in the course for the entire school year.

## **CALIFORNIA HIGH SCHOOL EXIT EXAM (CAHSEE)**

All California public school students are required to pass the CAHSEE and meet all other state and local requirements to earn a high school diploma. The CAHSEE is divided into two sections: English Language Arts and Math.

A passing score of 350 is required on both sections. The first opportunity to take the test is in the spring semester of a student's sophomore year. Students are given additional chances in their junior and senior years; students only retake the portions not previously passed.

Additional information about the CAHSEE, including sample test questions and study guides, is posted on the California Department of Education's website: <http://www.cde.ca.gov/ta/tg/hs/resources.asp>

## **HOW TO READ THE COURSE DESCRIPTIONS**

Each course description contains information about the subject matter covered, the grade levels of students enrolled in the course, required prerequisites, graduation requirement met by the course and if the course is UC/CSU "A-G" approved. Please pay attention to this information as it will help you select the courses that best fit your talents, needs and educational plan.

Counselors work with students throughout their high school tenure to develop an individual educational plan and to explore educational opportunities and options. They are available to answer questions and guide students in their course selections.