

# MODESTO CHRISTIAN HIGH SCHOOL



## COURSE DESCRIPTION HANDBOOK

**2021-2022**

Revised April 2021

5755 Sisk Road ★ Modesto, CA 95356

School Website [www.modestochristian.org](http://www.modestochristian.org)

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## **A MESSAGE FROM THE ADMINISTRATION**

Greetings,

Our objective at Modesto Christian High School is to provide a nurturing environment that offers a quality education supported by a strong foundation in Christian values and principles. It is our vision to partner with parents in equipping students to become leaders to serve God, their families, and to positively impact their communities and global society.

Modesto Christian, founded on Christian heritage, supports the homes and churches of students in providing education that is grounded in the Judeo-Christian principles of the Bible as reflected in the teaching of our Savior, Jesus Christ.

The purpose of this Course Description Handbook is to aid parents and students in determining a four-year course of study at Modesto Christian High School. While looking at the content of courses, please note the courses that meet the University of California and the California State University admissions requirements (noted by double asterisks \*\*). Typically, students who meet UC/CSU requirements for admissions also meet requirements for many other universities, including most private colleges. Other areas of importance are grade point average, SAT/ACT scores, community service, and leadership opportunities. All of these areas help colleges determine the best quality of student for their campus.

The teachers, counselor and administration at Modesto Christian High School are available to assist in your college planning. Our desire is to help each student mature into the Godly man or woman our Lord desires by helping parents and students set and achieve important educational goals.

Building for the Future,

Cynthia A. Jewell, Interim Superintendent/Principal HS

Greg Pearce, Dean of Students & Athletic Director HS

Geigy Boek, College/Career Counselor

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## CALENDAR OF EVENTS - COLLEGE PREPARATION

### Academic School Year 2021-2022

<b>August</b>	Grades 9-12 Crusader Round Up (**August 11) Fall CSF Applications due to Counselor/Advisor (**late-August) UC/CSU Application Open August 1 SAT Reasoning Test
<b>September</b>	College Reps visit campus Scholarship Information begins Counselor Schedules Senior Meetings ACT Test (*mid-September)
<b>October</b>	FAFSA opens (October 1) 4-Year planning begins for 9 <sup>th</sup> Graders Christian College Fair at MCS (**October 5) / Colleges Reps visit campus TBA Parent/Teacher Conferences (**mid-October) UC, CSU applications due (Oct 1 – Nov 30) (college applications, testing etc.) SAT Reasoning (*early-October) PSAT Test/Open for 8 <sup>th</sup> -11 <sup>th</sup> , REQUIRED for 10 <sup>th</sup> (**October 14) ACT Test (*late-October), ACT Aspire REQUIRED for 9 <sup>th</sup> Graders - TBA
<b>November</b>	UC, CSU Applications due (Oct 1 – Nov 30) Out of state/Private Colleges Application due dates vary (Nov -Mar) SAT Reasoning (*mid-November)
<b>December</b>	SAT Reasoning (*early-December) ACT (*mid-December)
<b>January</b>	Financial Aid Form (FAFSA) (due between Jan 1 & Mar 2) Spring CSF Applications due to Advisor (**late-January)
<b>February</b>	ACT (*early- February)
<b>March</b>	Student scheduling begins for next school year SAT Reasoning (*early-March) MJC Applications available for Upcoming Fall Semester
<b>April</b>	ACT (*mid-April) WACAC College Fair Stockton/UOP - TBA NACAC College Faire Santa Clara Convention Center - TBA
<b>May</b>	AP Exams (**mid-May) UC Analytical Writing Placement Exam (early March) SAT (*early-May) Awards & Scholarship Chapel (**mid-May)
<b>June</b>	SAT Reasoning (*early-June) ACT (*mid-June) Summer School Begins (**late-May)

*Check specific websites for the most accurate dates & MCHS dates posted  
on website [www.modestochristian.org](http://www.modestochristian.org) MCS Calendar & FACTS.*

*\* Students are encouraged to take the SAT Reasoning Test/or ACT & Writing Test during junior year.*

## GRADUATION REQUIREMENTS

The total number of credits required for graduation from Modesto Christian High School is 266. Each class earns 5 credits per semester. Your 266 total credits must include the following classes:

### Subject Credits

Bible.....	40
English.....	40
Mathematics.....	30
Science	
Life.....	10
Physical.....	10
Social Sciences.....	40
Fine Arts.....	10
Foreign Language.....	20
Physical Education.....	20
Electives.....	40
<u>Activities.....</u>	<u>6</u>

Total Credits 266

## COLLEGE PLACEMENT ASSISTANCE

College counseling is an integral part of the Modesto Christian High School guidance program. The counselor meets periodically with students, beginning freshman year, to assure that their academic progress is commensurate with their college and academic goals. Students may utilize catalogs from many California and out-of-state colleges and universities. Additionally, representatives from many colleges visit our campus each year to talk with interested students.

College planning begins in earnest during the freshman/sophomore year when students and parents are invited to meet with the counselor to create a 4-year plan that connects course selections with postgraduate education and occupational goals. Students are encouraged to take the SAT or ACT in the spring of their junior year.

During the junior year, the counselor meets with students and parents assisting them with plans after high school. The counselor will also help students in choosing and applying to colleges and universities appropriate for their career interests and academic performance. Students are strongly encouraged to visit colleges and universities to which they are applying.

The counselor assists students who seek scholarships. Scholarships are available from a variety of sources. Many of these are advertised in the daily bulletin. Announcements are made periodically reminding students of scholarship opportunities, and guidelines that must be met in making applications for such scholarships.

## **COLLEGE/UNIVERSITY ENTRANCE REQUIREMENTS**

The admission requirements for colleges and universities vary from school to school. Also the requirements for any given college or university may vary depending upon the major you intend to pursue. You should check with the counselor or website for specific information and also review the college or university catalog. Students who plan to attend college should definitely review their selection of classes at MCHS with the counselor. The counselor can assist you in arranging a visitation to a college or university and may also be able to arrange for an admissions officer from that college to visit you here at MCHS.

Students are required to take the PLAN test (practice ACT) during their Freshman year and the Pre-Scholastic Aptitude Test (PSAT) during their Freshman, Sophomore, or Junior year. The Scholastic Aptitude Test SAT or ACT should be taken during the spring of their Junior year. Students planning to apply to a UC may also be required to take SAT Subject tests. The counselor should be consulted early in your junior year regarding such tests and retaking the ACT/SAT.

### **For your convenience, general admission requirements for the following schools have been provided.**

#### **MODESTO JUNIOR COLLEGE**

Any high school graduate, any person who has passed the California High School Proficiency Examination or any person 18 years of age and older who is capable of profiting from instruction is eligible to enroll in Modesto Junior College if they are also residents of this district.

#### **CALIFORNIA STATE UNIVERSITY (CSU)**

##### **Eligibility for Admission**

There are 23 CSU campuses throughout California. The California State University (CSU) admits the upper one third of California high school graduates based on eligibility index and a pattern of required college preparatory (CP) subjects. The CSU campuses are:

CSU Maritime Academy	Cal Poly Pomona	Cal Poly San Luis Obispo
CSU Bakersfield	CSU Channel Islands	CSU Chico
CSU Dominguez Hills	Fresno State University	CSU Fullerton
CSU East Bay	CSU Long Beach	CSU Los Angeles
CSU Monterey Bay	CSU Northridge	Sacramento State University
CSU San Bernardino	CSU San Marcos	Stanislaus State University
Humboldt State University	San Diego State University	San Francisco State University
San Jose State University	Sonoma State University	

The CSU's eligibility index is computed by using a combination of grade point average (GPA) and SAT or ACT scores. The GPA is based on "A-G" approved courses taken in grades 10-12. (Refer to CSU/UC Requirements MCHS Offers.)

##### **Examination Requirements/Exemptions**

The Aptitude Test requirements can be met by either taking the SAT Reasoning Test or the ACT & Writing Test.

Once admitted, students are also required to pass the (EPT) English Placement Test and the (ELM) Entry Level Mathematics test. Students can be exempt in any of the following ways:

### **English**

- Score of 3 or higher on the College Board Advanced Placement Examination in English (Language or Literature) for both CSU;
- Score of 22 (CSU) or higher on the ACT Combined English/Writing test of 500 (CSU) or higher on the Writing section of the SAT Reasoning test;
- Complete with a grade of C or better a transferable college course in English composition worth four quarter or three semester units for both CSU;
- For specific CSU admission English Proficiency requirements, please consult campus for which you are seeking admittance;
- Complete an appropriate English course at UC with a grade of C or better.

### **Math**

- Score of 3 or higher on the College Board Advanced Placement Examination in Calculus AB, Calculus BC or Statistics (UC/CSU);
- Completion and transfer to CSU of a college course that satisfies the requirement in Quantitative Reasoning, provided such a course was completed with a grade of C or better;
- A score of 550 or above on the mathematics section of the College Board SAT Reasoning;
- A score of 550 or above on a College Board SAT Subject Mathematics (level 1 or level 2);
- A score of 23 or above on the ACT Mathematics Test;
- For specific UC admission Math Placement requirements, please consult campus for which are seeking admittance.

### **UNIVERSITY OF CALIFORNIA (UC)**

There are 10 U.C. campuses throughout California. To be eligible for admission to the university, you must meet the Subject, Scholarship, and Examination Requirements described below. There is also an explanation of how you may qualify, for admission, by examination alone. The UC campuses are:

Berkeley	Davis	Irvine	Los Angeles	Merced
Riverside	San Diego	San Francisco	Santa Barbara	Santa Cruz

## **UC Freshmen College Admissions Subject Requirements**

### **Scholarship Requirement for the UC's**

The scholarship requirement defines the GPA you must attain in the “A-G” subjects to be eligible for admission to the university. If your GPA is 3.3 or higher, you have met the minimum scholarship requirement if you achieve the college entrance test score indicated on the Eligibility Index. Courses you take in the 9<sup>th</sup> grade can be used to meet the Subject Requirements if you earn a grade of C or better, but they will not be used to calculate your GPA.

Grades of D and F in the “A-G” courses must be repeated or validated. Consult with your counselor to determine how these grades can be improved and how the University will use them in evaluating your scholarship record. **Grades will not be used for repeated courses in which you initially earned a grade C or better.**

## **Examination Requirement**

Make sure when you sign up for these tests you use our school code 051990. You must submit the following test scores:

- One aptitude test, either the SAT Reasoning or the ACT with Writing. The verbal and math sections of the SAT must be from the same sitting. The ACT composite score must be submitted.
- College Board Subject Tests (SAT Subject Exams). These exams may be required. See counselor for details.
- Once accepted students must also take the UC Analytical Writing Placement Examination in early May. See counselor for exceptions or Exam Requirements. Fee is required.

Students can be exempt in any of the following ways:

### **English**

- Score of 3 or higher on the College Board Advanced Placement Examination in English (Language or Literature) for both UC;
- Score of 30 (UC) or higher on the ACT Combined English/Writing test or 680 (UC) or higher on the Writing section of the SAT Reasoning test;
- Complete with a grade of C or better a transferable college course in English composition worth four quarter or three semester units for both UC;
- Achieve a passing score on the UC Analytical Writing Placement Examination, given in the spring every year. If you're admitted to UC, you'll receive detailed information in April about the exam;
- Complete an appropriate English course at UC with a grade of C or better;
- For specific CSU admission English Proficiency requirements, please consult the university you are seeking admittance.

### **Math**

- Score of 3 or higher on the College Board Advanced Placement Examination in Calculus AB, Calculus BC or Statistics (UC/CSU);
- For specific UC admission Math Placement requirements, please consult the university you are seeking admittance.

### **Admission by Examination Alone**

If you do not meet the Subject and Scholarship Requirements, you may be able to qualify for admission to the university by examination.

To satisfy the minimum requirements for qualifying by examination alone, you must achieve a specific score on the SAT or ACT. See counselor for details.

### **Subject Requirements**

To satisfy this requirement, student must complete the high school courses listed below with a grade point average defined by the scholarship requirements. Student must take 15 units of high school courses to fulfill the subject requirement, and at least 7 of the 15 units must be taken in the last two years of high school. (A unit is equal to an academic year, or two semesters of study.) CSU & UC admission requires the following high school courses as preparation with a grade of a "C" or better:



**CSU & UC  
Requirements**

**MCHS Offers**

(a) U.S. History/ Government World History	U.S. History, AP U.S. History	1 year
	US Government	½ year
	World Cultures	1 year
	AP Human Geography	1 year
	Human Geography	1 year
	AP European History	1 year
(b) English	English 9-12, Honors English 9-12	4 years
	Modern British Mythopoeia (MBM), AP English Literature, AP English Language	1 year
(c) Mathematics	Algebra I, Geometry, Algebra II	3 years
	Trig/Pre-Calc & Honors Trig/Pre-Calc	(4 recommended)
	AP Calculus AB & BC, AP Statistics	
(d) Lab Science	Biology, AP Biology, Chemistry	2 years
	Honors Chemistry, AP Chemistry, Honors Physics	(3
	AP Physics, Honors Anatomy & Physiology	recommended)
	Anatomy & Physiology	
	Environmental Science (CP Course, not lab science)	
(e) Foreign Language	Spanish I-IV, AP Spanish Language	2 years (3 recommended)
(f) Visual & Performing Arts	Theatre I & II, Art I-IV, Honors Art II,	1 year
	Honors Art III, AP Studio Art: Drawing,	(of same VPA
	Digital Photography	class)
	Band: Alpha or Omega	½ year
(g) College Prep Elective		1 year
	Economics	½ year
	Psychology	1 year
	ASB Leadership	1 year
	Worship	1 year
	Modern Media	1 year
	Yearbook	1 year
	Life Skills	½ year

***Please note: when applying to a UC your high school grade point average is calculated on all “A-G” courses (stated above) completed after 9<sup>th</sup> grade.***

## **PRIVATE COLLEGES/UNIVERSITIES**

There are numerous private colleges and universities throughout California and their requirements vary. However, as a general rule, if a student meets the requirements for the CSU/UC system they will be eligible for most private colleges/universities. See the counselor for more information on specific requirements. Some of the more popular private colleges among our students are:

Art Institutes

Cal Baptist University

Grand Canyon University

Simpson University

Azusa Pacific University

Concordia University

Pepperdine University

St. Mary's College

Biola University

Fresno Pacific

Point Loma University

University of the Pacific

## **OUT-OF-STATE COLLEGES/UNIVERSITIES**

See private colleges and universities: ([www.schoolsintheusa.com](http://www.schoolsintheusa.com)) ([www.aiccu.edu](http://www.aiccu.edu))

See Universities and Colleges - MCHS graduates section at the end of this handbook.

## **INTERNET RESOURCES**

### **COLLEGE & CAREER SITES**

**[www.actstudent.org](http://www.actstudent.org)**

ACT

**[www.uncf.org](http://www.uncf.org)**

African American Scholarships

**[www.apiasf.org](http://www.apiasf.org)**

Asian American Scholarships

**[www.aiccu.edu](http://www.aiccu.edu)**

Association of Independent  
California Colleges and Universities

**[www.cappsonline.org](http://www.cappsonline.org)**

California Career Colleges

**[www.schoolsintheusa.com](http://www.schoolsintheusa.com)**

All colleges in the USA

**[www.californiacolleges.edu](http://www.californiacolleges.edu)**

California Colleges

**[www.icanaffordcollege.com](http://www.icanaffordcollege.com)**

California Community Colleges

**[ucop.edu](http://ucop.edu)**

Excellent site for the U.C. system

**[www.csumentor.edu](http://www.csumentor.edu)**

Helpful links to all 23 California  
State University campuses, maps,  
facts, financial aid sheets, etc.

**[www.calstate.edu](http://www.calstate.edu)**

California State University  
Link to all 107 community colleges

**[www.jobstar.org](http://www.jobstar.org)**

Career information, links to  
career and personality inventories

**[www.myroad.com](http://www.myroad.com)**

Cost \$, college search, planning  
for college, career, etc.

**[www.xap.com](http://www.xap.com)**

Great site, career inventory,  
college planning, etc.

**[www.collegeispossible.org](http://www.collegeispossible.org)**

Colleges

### **TEST PREP & REGISTRATION**

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

SAT prep, on-line registration, and  
AP course information

**[www.act.org](http://www.act.org)**

ACT prep, on-line registration, and  
self-assessments

**[www.princetonreview.com](http://www.princetonreview.com)**

Great site for PSAT,  
SAT I, II prep, scholarship  
& college search, etc.

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### **KHAN ACADEMY**

Library of trusted, standards  
aligned practice and lessons.  
Covers Math K-12 through early  
college, grammar, science, history,  
AP, SAT and ACT.

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### **ATHLETICS: Eligibility Websites**

**[www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)**

Students planning to be  
involved in Division I, II  
college athletics must register  
with the Clearinghouse  
(recommend spring junior year)

**[www.ncaa.org](http://www.ncaa.org)**

Athletic

### **FINANCIAL AID STUDENT LOANS & SCHOLARSHIPS**

**[www.salliemae.com](http://www.salliemae.com)**

Paying for college

**[www.californiacashforcollege.org](http://www.californiacashforcollege.org)**

Cash for College Workshops

**[www.calgrants.org](http://www.calgrants.org)**

Cal Grants

**[www.csac.ca.gov](http://www.csac.ca.gov)**

California State Aid

**[www.fafsa.ed.gov](http://www.fafsa.ed.gov)**

FAFSA on the Web

**[www.federalstudentaid.ed.gov](http://www.federalstudentaid.ed.gov)**

Federal Financial Aid

**[www.finaid.org](http://www.finaid.org)**

Resource and links for all  
financial aid information

**[www.nelliemae.org](http://www.nelliemae.org)**

Information on student loans

**[www.collegenet.com/mach25](http://www.collegenet.com/mach25)**

**[www.scholarshiphelp.org](http://www.scholarshiphelp.org)**

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

Scholarship Directories

**[www.mappingyourfuture.org](http://www.mappingyourfuture.org)**

Scholarships and colleges

**[www.fastweb.com](http://www.fastweb.com)**

Scholarship search

**[www.scholarship-page.com](http://www.scholarship-page.com)**

Scholarship search

**[www.scholarstuff.com](http://www.scholarstuff.com)**

Scholarship search

**[www.4scholarships.4anything.com](http://www.4scholarships.4anything.com)**

Scholarship search

**[www.scholarships.kachinatech.com](http://www.scholarships.kachinatech.com)**

Scholarship search

**[www.collegescholarships.com](http://www.collegescholarships.com)**

Scholarship search

# MODESTO CHRISTIAN HIGH SCHOOL HONORS/AP CLASS OFFERINGS

Academic School Year 2021-2022

## COURSE DESCRIPTIONS

All courses described are of one year duration, unless otherwise noted

\*indicates course offered based on teacher availability

\*\*indicates UC/CSU approved college prep course

\*\*\*indicates option to take Advanced Placement (AP) exam/  
although course may not be offered

### ENGLISH DEPARTMENT

English 9 Honors\*\*  
English 10 Honors\*\*  
English 11 Honors\*\*  
English 12 Honors\*\*  
AP English Literature\*\*\*  
AP English Language\*\*\*  
MBM 12\*\*

### FINE ARTS DEPARTMENT

Art II Honors  
Art III Honors\*\*  
AP Studio Art: Drawing\*\*

### FOREIGN LANGUAGE DEPARTMENT

AP Spanish Language\*\*/\*\*

### MATHEMATICS DEPARTMENT

Trig/Pre-Calculus Honors\*\*  
AP Calculus AB\*\*  
AP Calculus BC\*\*/\*\*  
AP Statistics\*\*

### SCIENCE DEPARTMENT

Chemistry Honors\*\*  
AP Chemistry\*\*  
Anatomy/Physiology Honors\*\*  
AP Biology\*\*  
AP Physics\*\*  
Physics Honors\*\*

### SOCIAL SCIENCE DEPARTMENT

AP Human Geography\*\*/\*\*  
AP European History\*\*/\*\*  
AP United States History\*\*

## BIBLE DEPARTMENT

**Graduation Requirement: 4 years of Bible (1 Bible class each year of attendance)**

## DESCRIPTION OF EXCELLENCE

The Bible courses at Modesto Christian High School will teach the students to use their Bibles as a daily guide to Christian living. The courses seek to help students in the development of a biblical worldview in teaching what the Bible reveals about God, Jesus Christ, the Holy Spirit, Man, Sin, Salvation, the Church, End Times, other World Religions and Philosophies, and Wisdom. The goals of the Bible Department will be accomplished through instruction, Bible study, community service, and the challenge to live out God's word in daily life.

**BIBLE 1** **Grade 9**  
**FUNDAMENTALS OF THE FAITH**

The Fundamentals of the Faith course is an introduction to the Bible, its major characters and themes. While this course is introductory in nature, it is designed to be challenging as well. Students will learn some of the most basic facts and truths while at the same time being challenged to live these truths out in daily living. Topics include Understanding God, Spiritual Star Wars (enemy Satan), the Bible itself, How to do a Quiet Time Bible Study, Mankind-Sin, God's Plan of Redemption, Armor of God, and a Biblical Worldview. All students will be required to participate in community service hours each semester.

**Prerequisites:** None; **Fees:** None

**BIBLE 2** **Grade 10**  
**OLD AND NEW TESTAMENT**  
**SURVEY**

This course is designed to teach the Old Testament in a survey fashion, from Genesis to Malachi. Students will learn the main themes and characteristics of each book as well as God's working within His people and the world in preparation for the coming of Christ. Students will continue their study of the Bible in a survey fashion in the New Testament from Matthew to Revelation. The emphasis will once again be the main themes and characteristics of each book as well as instruction on daily Christian living. An emphasis will be placed on the New Testament Study of the Life of Jesus Christ. All students will be required to participate in community service hours each semester.

**Prerequisites:** None; **Fees:** None

**BIBLE 3** **Grade 11**  
**BIBLE FOUNDATIONS AND TRUTH**

This course is designed to teach some of the basic biblical faith truths as found in the Bible. Students will learn the importance of each of these foundational faith truths in God's redemptive plan for mankind. These truths studied include How Did We Get the Bible, Why Study the Bible, Biblical Worldview, Existence of God, Attributes of God, Wisdom Living, Nature of Man, Sin, God's Plan of Redemption, Satan, Angels, Christ, the Church, and Prophecy. An emphasis will be placed on living out the Christian life on a daily basis with practical Christian living truths. All students will be required to participate in community service hours each semester.

**Prerequisites:** None; **Fees:** None

**BIBLE 4** **Grade 12**  
**BIBLICAL CHRISTIANITY, WORLD**  
**RELIGIONS, & BELIEFS**

This course is designed to help students understand some of the major religions and beliefs of the world. The students will also learn the basic differences between biblical Christianity and these major religions and beliefs. As a result, the student will be able to defend the Christian and biblical worldview in comparison to other religions and beliefs of the world. Also, the student will be challenged to understand the perceptions and reality of truth and culture in order to show how a Christian's worldview is based upon a biblical foundation of truth. The student will see that other religions and beliefs contain at least small portions of truth but when compared to the truth of the Bible, there are some distinct differences.

**Prerequisites:** None; **Fees:** None

# **COMPUTER SCIENCE DEPARTMENT**

Graduation Requirement: Electives, varies

## **DESCRIPTION OF EXCELLENCE**

Excellence within the Computer Science Department is achieved when students successfully complete courses of study in a manner that compliments the students' individual interests and abilities. Students will demonstrate a blending of computer theory, problem solving and practical application. The Computer Science Department provides students with opportunities to acquire skills that can lead to job options for post-graduation employment. Students are encouraged to show their enthusiasm for computer science by participating in design and development projects at MCHS.

### **ANIMATION\*            Grades 9, 10, 11, 12**

This course focuses on animation basics, starting with the history of animation and fundamentals of animation. Students will learn the history of this art form and then go on to learn and practice the core principles of animation. During the course of the school year, students will learn the five different types of animation. Each animation type is taught in a “building-block” order, meaning that the skills learned in one type will be useful in learning the animation type that follows. By the end of the class, students will have a firm knowledge and foundation of animation and have many animations to use in their personal art portfolios, which will be helpful for any student who wishes to pursue art.

**Prerequisites:** Art I or MS Animation; **Fees:** Materials \$100

### **MODERN MEDIA        Grades 10, 11, 12**

This course focuses on communication skills in the social media age. Students first learn about social media platforms and how to be safe as well as how to be a positive Christian influence online. Students will then learn basic digital media skills such as Photoshop/Photo Editing, Print Media, Creative Writing, Video Editing, Animation, Graphic Design, and various Professional Skills. Each project will focus on

these digital art and communication skills. Skills learned from taking this course are great for future resumes, applications, and portfolios.

**Prerequisites:** None; **Fees:** TBA; **Note:** Students will need access to a computer outside of school hours, and they may need to provide a digital camera/video camera.

### **YEARBOOK              Grades 10, 11, 12**

This course annually creates the yearbook, “*The Crusades*.” Students will learn skills needed to develop the school’s yearbook. Lessons include team-building exercises, basic photography and digital editing, storytelling, design layout, writing, communication skills, and time management. Students are expected to attend a variety of events and take photographs for the yearbook.

**Prerequisites:** None, Students should be able to keyboard at least 35 words per minute, be familiar with photography, free of academic, behavioral or attendance probations and have teacher approval. Exceptions to these prerequisites are at teacher discretion; **Fees:** None.

# **ENGLISH DEPARTMENT**

Graduation Requirement: 4 years of English

## **DESCRIPTION OF EXCELLENCE**

The English curriculum is designed to strengthen and deepen student understanding of the English language in its various applications. Students are trained to communicate clearly and effectively in both written and spoken language, and to read using analysis and strategy. Grammar skills, vocabulary, various writing types, and a variety of literature appropriate to each course are taught. Understanding that the Bible is the only trustworthy and truthful text, students learn to think critically and Biblically as they grapple with difficult ideas and topics through Christian standards of truth and morality drawn directly from scripture.

### **FOUNDATIONS OF ENGLISH – CP\* Grade 9**

This course focuses on developing foundational elements of literary analysis, writing composition, grammar, and vocabulary necessary for students to succeed in further high school English coursework. Literature is drawn from a variety of genres. Writing focuses on essay development across several writing types including narrative, comparison, and expository. Students will give oral presentations and engage in a variety of large and small group communication learning experiences. Project based learning experiences are included.

*Prerequisites:* None; *Fees:* \$75 novel fee

### **FOUNDATIONS OF ENGLISH - HONORS\*\* Grade 9**

Providing the same general content as Foundations of English CP, this course delves deeper into literary analysis and provides for higher levels of writing proficiencies. Texts may be more rigorous and expectations greater for students. Students taking honor courses may have the opportunity of registering AP exams in their junior or senior years.

*Prerequisites:* Appropriate score on English Placement Test; *Fees:* \$75 novel fee

### **WORLD LITERATURE - CP\*\* Grade 10**

This course continues to develop literary analysis, writing composition, grammar, and vocabulary skills. Literature studied includes texts representing a variety of genres, historical eras, cultures, and geographic regions. Review of previously taught writing styles continues

along with a new focus on the argument essay. Students will learn basic principles of logic and rhetoric to use both written and spoken argument. Project based learning experiences are included.

*Prerequisites:* None; *Fees:* \$75 novel fee

### **WORLD LITERATURE – HONORS\*\* Grade 10**

Providing the same general content as World Literature CP, this course delves deeper into literary analysis and provides for higher levels of writing proficiencies. Texts may be more difficult and numerous. Expectations for student achievement are higher and writing standards are more rigorous. Students taking honors courses may have the opportunity of taking AP exams in their junior and senior years.

*Prerequisites:* “A” or better in English I CP or B or better in English I H; *Fees:* \$75 novel fee

### **AMERICAN LITERATURE – CP\*\* Grade 11**

This course provides a survey of American Literature from the Puritan period through the modern era. There is a unifying literary theme of the consequences of personal decisions running through the studied texts. Knowledge and use of specific rhetorical devices deepens literary analysis and writing skills. Writing focus includes preparation for the SAT and ACT essays. Emphasis on correct grammar and vocabulary expansion continues. Students continue to hone skills in oral presentation and argument. A variety of project based learning experiences are included.

*Prerequisites:* None; *Fees:* \$75 novel fee

## **AMERICAN LITERATURE - HONORS**

**Grade 11**

Providing the same general content as American Literature CP, this course delves deeper into literary analysis and provides for higher levels of writing proficiencies, including preparation for possible AP essays. Texts may be more difficult and numerous. Expectations for student achievement are higher and writing standards are more rigorous. Students taking this course may have the opportunity of taking the English Language AP exam.

**Prerequisites:** “A” or better in English II CP or B or better in English II H; **Fees:** \$75 novel fee

## **BRITISH LITERATURE - CP**

**Grade 12**

This course provided a survey of British literature from the Anglo-Saxon invasion through the modern era. There are unifying literary themes of the hero’s journey and the quest in the major texts studied. Further development of rhetorical skills for both written and spoken language is emphasized. Review of writing types for SAT and ACT essays continues. Analysis writing deepens in preparation for college level writing. Oral presentations requirements are more rigorous. A variety of project based learning experiences are included. **Prerequisites:** None; **Fees:** \$75 novel fee

## **BRITISH LITERATURE – HONORS**

**Grade 12**

Providing the same general content at British Literature CP, this course delves deeper into literary analysis and provides for higher levels of writing proficiencies, including preparation for possible AP essays. Texts may be more difficult and numerous. Expectations for student achievement are higher and writing standards are more rigorous. Students taking this course may have the opportunity of registering the English Language AP and/or the English Literature AP exam.

**Prerequisites:** “A” or better in English III CP or “B” or better in English III H, teacher recommendation; **Fees:** \$75 novel fee

## **ENGLISH I/II - GENERAL STUDIES**

**Grades 9, 10**

English I/II General Studies will provide students with a fundamental understanding of written and verbal communication and an understanding of and appreciation for literature. Grammar, word usage, mechanics, and vocabulary will be emphasized. This course fulfills requirements for admission to California Junior Colleges, but not four-year universities. See counselor for exceptions.

**Prerequisite:** None; **Fees:** \$75

## **ENGLISH III/IV GENERAL STUDIES**

**Grades 11, 12**

The purpose of English III/IV General Studies is to provide students with skills essential to the clear, concise, and comprehensive communication of written and orally expressed ideas. Students will also develop a wider interest, knowledge, and appreciation for American and/or British Literature; develop critical analysis and creative thinking; master the essentials of basic grammatical usage; and review basic literary terminology. This course fulfills requirements for admission to California Junior Colleges, but not four-year universities. See counselor for exceptions.

**Prerequisite:** None; **Fees:** \$75 novel fee

## **SPEECH\***

**Grades 9, 10, 11, 12**

This survey course in communication is designed for the student to learn the different methods of preparing, presenting and evaluating speeches. Impromptu, extemporaneous, persuasive, expository demonstration as well as other types of speeches will be studied, prepared and delivered throughout the semester. Students will apply the skills of research, rhetoric, audience analysis and effective delivery. Verbal and non-verbal forms of communication will be studied. This course is required for graduation.

**Prerequisite:** None; **Fees:** None;

**Course Duration:** Semester



# **FINE ARTS DEPARTMENT**

Graduation Requirement: 10 Credits

## **DESCRIPTION OF EXCELLENCE**

The Fine Arts Department incorporates a balanced exploration of aesthetics, studio art, art history with cultural application and art appreciation. Students achieve excellence by experiencing their innately endowed creative nature in the practical aspects of the Arts.

### **ART I\*\*                      Grades 9, 10, 11, 12**

This course is designed as a basic visual arts course exploring the elements of art and design in a variety of media. Students will develop a foundation in which to find success and develop an alternate form of self-expression.

**Prerequisites:** None; **Fees:** Materials \$100

### **ART II\*\*                      Grades 10, 11, 12**

Classes are designed to build on the foundation of Art I. Projects are original, exploratory and development of a visual voice encouraged in a wider range of techniques and media. Students are introduced to a more complete timeline of art history and diversity, and its impact on our culture. Studio production concentrates on using the elements and principles of art to arrive at a successful composition in a highly visual format that links studio production with aesthetics and cultural expression. Students may have the opportunity to compete in regional shows off campus.

**Prerequisites:** Art I; **Fee:** Materials \$125

### **ART II HONORS\*\*      Grades 10, 11, 12**

Students desiring honors credit will, in addition to the requirements for Art II course work, create a multi-step semester project with a civic/cultural theme of their choice and maintain additional work in their artist's journal throughout the year.

**Prerequisites:** Art I and summer sketchbook work, teacher recommendation; **Fees:** Materials \$125

### **ART III\*\*                      Grades 11, 12**

Classes are designed to complement the vision of the student in portfolio development. Students begin to work in an investigative method in order to achieve mastery. Students will be exposed to a variety of artists and techniques and integrate the study of art styles with studio

production. The portfolio will be representative of the student's creative thinking, diversity and originality as well as technical skills. Those continuing to AP Studio Art may wish to begin developing their AP portfolio during the fourth quarter; with that goal in mind, students will become familiar with the AP Art expectations and begin to work towards building successful investigations. Critical thinking, analysis and synthesis are important hallmarks of this course. Students may have the opportunity to compete in regional shows off campus.

**Prerequisites:** Art I & II; teacher recommendation required based on Art II achievement; **Fees:** Materials \$125

### **ART III HONORS                      Grades 11, 12**

In addition to the coursework for Art III, the honors student will be responsible to develop a three piece series each semester; most of this work will be done outside of class with periodic check-points throughout the year. Students may choose to have the opportunity to compete in regional shows off campus.

**Prerequisites:** Art I and II, and summer investigation of what an artists' series encompasses. Teacher's recommendation is needed and is based on Art II achievement; **Fees:** Materials \$125

### **AP ART AND DESIGN: 2D DRAWING PORTFOLIO\*\*                      Grades 11, 12**

This class is for the serious artist desiring to study art in college with the potential of earning one semester of college credit. AP students will complete a 15 piece body of work using the methods of sustained investigation by developing an essential question and in depth search for solutions to artistic challenges. The 15 pieces must be cohesive and work together as an exploration of a topic or investigation of the student's choosing. Students will submit their work in two ways: digital format on the College

Board website, and selected works to send in a portfolio on the College Board for additional review. Students should be prepared to work in and out of class on projects. Sketchbooks are kept as an investigative and technique perfecting tool. Master artists are analyzed as inspirational and informative to the AP process. This class is designed to prepare the student to succeed and satisfy the AP Studio Art requirements through electronic and physical submission of their portfolio. There are opportunities for competing in regional art shows. Students are expected to register for the AP Art Drawing Section exam at the beginning of the year.

**Prerequisite:** Art I, Art II, Art III (recommended), teacher recommendation based on student work ethic; summer work must be turned in the first day of class to be accepted into the AP program; **Fees:** Material Fees of \$125 plus - AP College Board submission fees TBA at the beginning of the year.

## **THEATRE I                      Grades 9, 10, 11, 12**

This course introduces students to the art of theatre and performance. Students will learn the history of theatre and the impact theatre has on a culture, both as a shaper of culture and a reflection of culture. Students will perform several short skits in a variety of genres and be able to perform for a professional audition.

**Prerequisites:** None; **Fees:** None (participation in the major school productions, although not required, will require a theatre performance fee)

## **THEATRE II                      Grades 9, 10, 11, 12**

This advanced course builds on the foundation of Theatre I and introduces students to the art Theatrical production. Students learn how to direct, write, perform, and guide the development of short productions, one acts, and ultimately a full-length theatre production. Students learn how to write a monologue and attain several pieces in their portfolio for a professional production.

**Prerequisites:** None; **Fees:** None for the class. Productions require a fee.

## **DIGITAL PHOTOGRAPHY and DIGITAL MEDIA\*/\*\***

### **Grades 9, 10, 11, 12**

Digital Photography is an introduction to using the camera (or phone camera) as a form of

artistic expression. This beginner's class will cover all the elements and principles of design in order to create a strong composition and meet the standards of a fine arts course. Students will explore a variety of subject matter, engage in group critiques for the purpose of encouragement and improvement, and learn some basic photo editing in Photoshop. The cultural and historic aspects of photography are studied and connections are made with more modern techniques/technology. Photographers are studied, and students will implement some of their work processes. Sketchbooks and journals are kept to record progress and complete assignments. Students must have daily access to a digital camera or a smart phone with a camera, USB or a power cord in order to upload images onto the computer at school, and an icrusader.me email account. Students must occasionally work off campus in order to complete specific assignments. Some assignments are photographed in class. Students may have the opportunity to compete in regional art shows.

Digital Media is the companion course to Digital Photography. Digital Manipulation provides the opportunity for students to explore their creative voice using many images from their photographs taken in the first semester. Students will explore techniques to enhance their work using Photoshop to create a fresh, new art form. Access to a home computer and Adobe Photoshop are required.

**Prerequisite:** Students must have access to a digital camera OR a cell phone camera. Access to a home computer and Adobe Photoshop are required; **Fees:** \$100

## **ANIMATION                      Grades 11, 12**

This course is for third year art students, and focuses on animation basics, starting with the history of animation and fundamentals of animation. Students will learn the history of this art form and then go on to learn and practice the core principles of animation. During the course of the school year, students will learn the five different types of animation. Each animation type is taught in a "building-block" order, meaning that the skills learned in one type will be useful in learning the type of animation that follows. By the end of the class, students will gain a firm foundation of animation to add to

their art portfolios. This course is an advanced art class; a foundation in Art I and II is required.

**Prerequisites:** Art I and II **Fee:** \$100

### **Grades 9, 10, 11, 12**

This group is for beginning and advanced players on all instruments. Students develop their mastery of their instrument, competency in reading music, and understanding of dynamics and musical styles. Students perform as a pep band for home football games, and as a concert band for the remainder of the school year.

**Prerequisites:** None; **Fees:** \$100 band fee

### **CONCERT BAND (Alpha/Beta Band)\***

## **FOREIGN LANGUAGE DEPARTMENT**

Graduation Requirement: 2 years, 3 recommendation

### **DESCRIPTION OF EXCELLENCE**

The Foreign Language Department enables students to gain proficiency in a foreign language. Language skills are gained through the study of grammar, vocabulary, pronunciation practice, oral communication, and cultural awareness. Each foreign language course builds upon one another as mastery is exhibited which allows the student to continue on the journey of speaking a foreign language. The goal of the Foreign Language Department instruction is to allow each student to be comfortable in speaking a foreign language while meeting the college entrance requirements.

### **SPANISH I\*\* Grades 9, 10, 11, 12**

This course introduces students to the Spanish language and culture. Topics include learning the Spanish alphabet, colors, seasonal changes, months of the year, proper greetings, verb conjugation, vocabulary, pronunciation, and grammatical structures. The goal for each student is to develop a fundamental understanding of the Spanish language. There is also a component that introduces students to cultural awareness that revolve around Spain's influence on Latin America and Mexico today and historically, as well as Spanish influence on U.S. culture.

**Prerequisites:** None, although Freshmen are encouraged to have a strong English placement score; **Fees:** Potential Class Fees for Spanish Materials

### **SPANISH II\*\* Grades 9, 10, 11, 12**

This course builds upon the foundations of Spanish I, focusing extensively on vocabulary acquisition. It is a continuation of the study of speaking, listening, reading and writing in Spanish. Students will acquire additional skills in grammar and vocabulary on their way to fluency. Included will be readings and assignments related to Bible, history, literature,

and current events. Spanish culture is explored as an ongoing part of the curriculum through oral and written reports.

**Prerequisites:** Spanish I with a "C" or above; **Fees:** Potential Class Fees for Spanish Materials

### **SPANISH III \*\* Grades 10, 11, 12**

This course builds on the foundations of Spanish I and II. This course is a continual review and introduction to more complex Spanish grammar and vocabulary. The focus of this course is to establish conversational fluency in the language. Students are expected to express themselves in Spanish with oral presentations as well as written exercises. Spanish culture is explored as an ongoing part of the curriculum through oral and written reports.

**Prerequisites:** Spanish II with a "C" or above; **Fees:** Potential class fees for Spanish Materials

### **SPANISH IV\*/\*\*/\*\* Grades 11, 12**

This course moves toward academic fluency, as Spanish literature is now introduced. Students are expected to communicate solely in Spanish in this class, as conversational fluency has been

established. Students learn to write at an academic level in Spanish, as well. Spanish culture is explored as an ongoing part of the curriculum.

**Prerequisites:** C or above in Spanish III and teacher recommendation; **Fees:** None

### **AP SPANISH IV\*/\*\*/\*\* Grade 12**

Advanced Placement Spanish IV is designed to prepare students to take and pass the AP Spanish

Language test. Students passing the test can receive college credit. This course stresses the importance of reading, writing, listening, and speaking fluency along with a mastery of Spanish grammar.

**Prerequisites:** Spanish II with a “B” or above and teacher recommendation. All students must complete required summer reading and writing project(s), if assigned; **Fees:** *Possible textbook purchase*, Students may be required to register for the AP Spanish Exam.

## **SEAL OF BILITERACY PROGRAM**

Modesto Christian High School has adopted the Seal of Biliteracy program honoring our students who have attained proficiency in one foreign language by high school graduation. The mastery of two or more languages is a vital skill for participation in a 21st century diverse world and economy. Most importantly, we want to establish high standards for academic mastery in our students and to strengthen their skills of literacy and problem solving.

To be eligible to receive the Modesto Christian High School Seal of Biliteracy award, student shall:

- Successfully complete four years of instruction in English Language Arts with a grade of “B” or better each semester in year four,
- Take four years of a foreign language and earn a “B” grade or better each year,
- Pass an Advanced Placement Exam including essay (with a score of 3 or better).

## **MATHEMATICS DEPARTMENT**

Graduation Requirement: 3 years, 4 recommendation

### **DESCRIPTION OF EXCELLENCE**

The study of mathematics encourages students to develop a curiosity about mathematics and how it reveals the characteristics and nature of God. The intent of the Mathematics Department is for the students to acquire knowledge, skills, and understanding to make informed decisions and to use their talents to be productive members of society. Mathematics is a cumulative discipline with each course building upon and preparing for the next. The Mathematics Department offers a variety of courses to meet the needs of all students. The advanced placement courses are designed for students with a strong mathematical ability and work ethic. The college preparatory classes are designed for those students intending to continue their studies after high school. The applied math classes have been designed for those students who may not continue their education after high school.

### **CONSUMER MATH\* Grades 11, 12**

Consumer Math is a practical mathematics course covering a variety of subjects. Balancing a checkbook, preparing taxes, understanding car insurance, investing money, preparing for retirement, renting an apartment, applying for a job, anticipating the expenses for vacations, and preparing a budget are some of the major topics

covered. There is a strong emphasis on how to biblically handle money. Financial Peace University supplements the course by emphasizing Christian values for making financial decisions.

**Prerequisites:** None; **Fees:** None

### **BASIC MATH I, II, III, IV\* Grades 9, 10, 11, 12**

Basic Math I, II and III is an individualized intervention program where students are assessed and placed appropriately based on their needs. Once students have mastered all levels of the Prentice Hall Skills Intervention curriculum, they will be prepared to enroll in Pre-Algebra.

**Prerequisites:** None; **Fees:** None

### **PRE-ALGEBRA\*      Grades 9, 10, 11, 12**

This course introduces students to the basic language and tools of Algebra. This course focuses on number theory, fractions, inequalities, basic linear algebra, graphing, statistics, and basic geometry. Pre-Algebra objectives are to prepare students to use mathematics effectively in today's world, promote independent thinking and learning, and problem solving, by integrating general math, geometry and critical thinking. Pre-Algebra is designed to prepare students for algebra and then geometry.

**Prerequisites:** None; **Fees:** None

### **ALGEBRA I\*\*      Grades 9, 10, 11, 12**

This course is designed to develop proficiency with algebraic skills, rational expressions, and improve logical thinking. Symbolic reasoning and calculations with symbols are central in algebra. Through the study of algebra, a student develops an understanding of the symbolic language of mathematics. Algebraic skills and concepts are developed and used in a wide variety of problem-solving situations. Topics taught and applied in this course include the use of variables, the use of the four basic operations to solve equations, the application of linear and quadratic equations, graphing using the slope of a line, exponential growth and decay, polynomials, and linear systems.

**Prerequisites:** Pre-Algebra with a "C" or above;  
**Fees:** None

### **GEOMETRY\*\*      Grades 9, 10, 11, 12**

This course is designed to develop geometric skills and improve logical thinking. Aside from learning the skills and concepts, students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems. These concepts will then be applied to real-world situations. Topics covered in the course include points, lines and angles, the

language and logic of geometry, reflections and transformations, similar figures, polygons and symmetry, congruency, three dimensional figures, perimeter, area, surface area, volume, coordinate proofs, similarities, and a strong introduction to trigonometry.

**Prerequisites:** Algebra I with a "C" or above, or with teacher recommendation; **Fees:** None

### **ALGEBRA II\*\*      Grades 9, 10, 11, 12**

The Algebra II course is designed to develop proficiency with algebraic skills and to improve logical thinking. Algebra II begins with a continuation of concepts covered in Algebra. Students, then, will be challenged by new concepts that require graphing skills, function analysis, and investigation into the complex number system. Polynomials, matrices, logarithmic and exponential functions, sequences and series, and counting principles also will be covered. The skills learned will prove helpful in the subsequent Pre-Calculus class. Students who plan to continue their education after high school should take this course.

**Prerequisites:** Algebra I and Geometry with a "C" or above, or with teacher recommendation;  
**Fees:** None, calculator required

### **TRIG/PRE-CALCULUS\***

**Grades 10, 11, 12**

This course is designed to develop proficiency with mathematical skills and to improve logical thinking. Real-life application of learned skills will be discussed and emphasized. In addition, reading and problem solving will also be emphasized and required. Several times during the school year, students may be asked to work independently with theoretical material or problems that will make them use previously covered lessons. Functions, their properties, graphs, equations, sets, systems of equations, inequalities, theory of sequences combinations, topics in analytic Geometry, a comprehensive study of trigonometric identities and functions, and many other high level math topics will be covered. The graphing calculator will be used extensively to characterize functions. This course is designed to meet college entrance requirements.

**Prerequisites:** Algebra II with a "C" or above, or with teacher recommendation; **Fees:** None

## **TRIG/PRE-CALCULUS**

### **HONORS\*\***

### **Grades 10, 11, 12**

This course is designed to develop proficiency of Precalculus and Trigonometry skills as well as the beginning skills of Calculus. Real life application of learned skills will be discussed and emphasized. In addition, reading and problem solving will also be emphasized and required. Students will be asked to work on skills with functions, their properties, graphs, equations, sets, systems of equations, inequalities, topics in analytical Geometry, a comprehensive study of trigonometric identities and functions, and parametric equations. Students will also explore concepts of a limit, a derivative, and applications of the derivative. The graphing calculator will be used extensively to characterize functions and derivatives. This course is designed to meet college entrance requirements. This course is designed to lead to an entrance into Calculus BC.

**Prerequisites:** Algebra II with a "B" or above, or with teacher recommendation; **Fees:** None, but students will be required to have a graphing calculator (TI-84 Plus CE preferred)

## **AP CALCULUS AB\*\*/\*\***

### **Grades 11, 12**

This course focuses on limits, continuity, rates of change, Mean-Value-Theorem, derivative techniques, related rates, extrema, concavity, accumulation, integration techniques, transcendental functions, numerical analysis, graphical analysis, and descriptive analysis. Students are required to register for the AP exam.

**Prerequisites:** "B" or better in Trig/Pre-Calc; Teacher recommendation required; **Fees:** Possible textbook purchase, AP exam fee;

students are expected to provide a graphing calculator (TI-84 Plus CE preferred)

## **AP CALCULUS BC\*\*/\*\***

### **Grades 11, 12**

This course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Students are required to register for the AP Statistics Exam.

**Prerequisites:** "B" or better in Trig/Pre-Calc Honors, or C or better in Calculus AB, Teacher recommendation required; **Fees:** Possible textbook purchase, AP exam fee; students are expected to provide a graphing calculator (TI-84 Plus CE preferred)

## **AP STATISTICS\*\***

### **Grades 11, 12**

Advanced Placement Statistics acquaints students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will frequently work on projects involving the hands-on gathering and analysis of real world data. Ideas and computations presented in this course have immediate links and connections with actual events. Computers and calculators will be used to help students with statistical concepts. This course is designed to prepare students to take and pass the AP Statistics test through the College Board. Students are required to register for the AP Statistics Exam;

**Prerequisites:** Algebra II with a "B" or above, or with teacher recommendation; **Fees:** Possible textbook purchase, AP exam and graphing calculator (TI-84 Plus CE preferred)

# **PHYSICAL EDUCATION & ATHLETIC DEPARTMENT**

## **DESCRIPTION OF EXCELLENCE**

Students gain technical skills and knowledge about a variety of sports. Athletes develop and learn to exhibit Christian character as their Christian values are developed and tested. Team and individual sports provide opportunities for students to learn to excel personally and in cooperation with their teams. Students who excel in athletics will find many opportunities in the MCHS interscholastic sports program. MCHS offers a wide variety of sports including golf, tennis, football, baseball, softball, soccer, basketball, track & field, and volleyball.

Many MCHS athletes are "scholar athletes," as well. Scholar athlete is an award given through our participation in the Trans Valley Athletic League. At the conclusion of each year one male and female senior athlete are also recognized.

## **PHYSICAL EDUCATION Grades 9-12**

Physical education is an integral part of the total education program, contributing toward the well-rounded development of all young adults as responsible citizens and providing the health and vigor to pursue every opportunity to the fullest. The focus of the physical education class is to develop and maintain a high degree of physical fitness, to expose students to a variety of physical activity in both individual and team sports, to develop an appreciation for the value of leisure time physical activities and to develop a sense of self discipline. All students are required to complete two years of physical education. If a student's 4-year plan/schedule does not allow for two years of P.E., a student may complete an Alternative Physical Education Appeal to satisfy up to one year of physical PE only. This appeal must be approved by the principal and counselor before a student may fulfill their P.E. requirements with alternative organized activities. **Prerequisites:** None; **Fees:** Purchase grey tee-shirt and navy athletic shorts.

## **PHYSICAL EDUCATION ALTERNATIVE Grades 10, 11, 12**

Students who are granted an Alternative P.E. Appeal may earn P.E. credits outside of traditional P.E. class and/or sports program and may do so if involved in an organized physical activity. This includes but is not limited to: dance, aerobics, karate, bowling league, swimming club, sports (soccer, volleyball). Students may earn 2.5 credits per 36 hours of activity each quarter not to exceed 10 credits per year or 5 credits during the summer. Students

will not earn Alternate P.E. credit for such things as – working out (on your own), walking or running (on your own), snow skiing, etc. Alternative P.E. will satisfy up to one year of physical P.E. only. To be enrolled, students must see the counselor and obtain an Application/Contract and Hours Sheet.

**Prerequisites:** One year must have been completed through the MCHS P.E. program;

**Fees:** Assumed by student

## **PHYSICAL EDUCATION WEIGHT TRAINING Grades 9, 10, 11, 12**

Students in this course will master the necessary movement skills to participate confidently in many different forms of physical activity. The student will learn to value physical fitness and understand that both are intimately related to health and well-being. The student will possess the knowledge of proper lifting techniques, appropriate stretching exercises for specific weight lifting exercises, correct spotting techniques for all exercises and safety guidelines for weight lifting.

**Prerequisites:** None; **Fees:** None

## **AFTER SCHOOL SPORTS Grades 9, 10, 11, 12**

Girls: Volleyball, Basketball, Golf, Soccer, Track, Softball, and Cheerleading

Boys: Football, Basketball, Baseball, Golf, Track, and Wrestling

Credit of 2-1/2 units may be earned for each season of a sport. Students may earn a maximum of 10 units of PE credit per year in after school sports.

# SCIENCE DEPARTMENT

## DESCRIPTION OF EXCELLENCE

Students in the Science Department will study secular theories, including evolution, in light of the Judeo-Christian perspective of creation. The wonders of the universe will be unveiled through student exploration and evaluation of the laws and principles by which mankind lives. The goal is to develop the critical thinking skills necessary for students to conquer the challenges that lie ahead, aided by the integration of their personal values and convictions.

### HEALTH\*\* Grade 9/Transfer Students

This course is designed to enable the students to understand the relevance of health to all aspects of life and that the Bible is the foundation for healthy lifestyle.

**Prerequisites:** None; **Course Duration:** Semester

### LIFE SCIENCE\* Grades 9, 10

This class meets the life science graduation requirements for the student starting their advanced education at a junior college, going to technical school or entering the workforce. It is a lab course. Students are taught how to take notes and given study guides to assist reading. The class covers the scientific method, some basic chemistry, the life processes of organisms and ends with a survey of organisms. Tests are fact based rather than concept based. Students will learn to use a microscope and dissect equipment properly.

**Prerequisites:** None; **Fees:** None

### BIOLOGY - CP\*\* Grades 9, 10

Biology CP meets the high school, life science requirement for the university bound student. The class begins with a review of the scientific method and covers chemistry and life processes on the cellular level and ends with a survey of organisms. This is a lab class students are expected to be reading at or above grade level, be able to take notes, and follow written instructions. Critical thinking skills are necessary as students work to observe the patterns in the design of our Creator. They will also compare and contrast life processes, and develop a creation based, critical understanding of evolution and current research. It is assumed that students can express themselves in standard essay form. Students who complete the class will

become proficient with laboratory equipment, the microscope and dissecting equipment.

**Prerequisites:** Teacher recommendation/8<sup>th</sup> grade assessment scores/English Honors placement/or MCHS Academic Appeal; **Fees:** None

### ENVIRONMENTAL SCIENCE – CP\*\*/\*\* Grades 9, 10, 11, 12

Environmental Science is an interdisciplinary science course that fulfills the physical science graduation requirement. It is a study of the interactions between the living and the non-living world. The class will provide students with a solid understanding of the processes that take place on and around the earth and the connections that exist between them. Topics that will be covered include the role of science and technology in society; matter and energy; astronomy; geology; meteorology; oceanography and ecology. The class qualifies as a lab science for most college applications. Students planning on attending a university should check with the counselor.

**Prerequisites:** Pre-Algebra. Students must have Internet access or consent from the instructor; **Fees:** None

### CHEMISTRY - CP\*\* Grades 10, 11, 12

Chemistry is the study of the properties of matter and the changes that occur in its composition. Chemistry at Modesto Christian High School is a two-semester lecture/laboratory science based upon the presupposition of God as the creator of the universe and the orderliness thereof, even as regards to matter on a subatomic level. Chemistry takes an in-depth look at the quantum model of the atom and the process of constructing the physical universe with these fundamental building blocks. This is a college preparatory class that meets university lab



**Prerequisites:** Biology and Geometry (B or better), and/or teacher recommendation; **Fees:** None

Physical Science is a class designed to meet the physical science graduation requirement. It is recommended for the student planning on attending a junior college or technical school after college. The class will cover the scientific method, atomic structure and the elements, chemical formulas and reactions and apply them to everyday situations. The mathematics is limited compared to Chemistry CP and the class provides an excellent reinforcement of basic chemistry skills.

Chemistry is the study of the properties of matter and the changes that occur in its composition. Chemistry at Modesto Christian High School is a two-semester lecture/laboratory science based upon the presupposition of God as the creator of the universe and the orderliness thereof, even as regards to matter on a subatomic level. Chemistry takes an in-depth look at the quantum model of the atom and the process of constructing the physical universe with these fundamental building blocks. The Honors Chemistry course is designed for the more advanced student who is capable of moving at a faster pace and can handle the more complex chemical theories and mathematical problems. The Honors course will touch on organic chemistry in order to introduce the student to the basics of the subject in preparation for more advanced study in college. Student may register for the AP exam.

This course focuses on advanced topics in chemistry, including equilibrium, kinetics, thermodynamics, quantum mechanics, nuclear

chemistry and organic chemistry. Foundational topics such as atomic structure, atomic bonding, and stoichiometry are reviewed and are used throughout this course. Students may register for the AP exam.

The AP Biology course is designed to be the equivalent of a college introductory biology course. After showing themselves qualified on the AP Examination, some students, as college freshmen are permitted to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory-science course and will be able to undertake other courses to pursue their majors.

The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by the students, and the time and effort required by the students. AP Biology provides students with the conceptual framework, factual knowledge, spiritual base and the analytical skills necessary to deal critically with the rapidly changing science of biology. This course is designed to prepare students to take and pass the AP Biology test through the College Board. Students are required to register for the AP Biology Exam.

Anatomy/physiology is a two-semester course, which studies the structural organization of the human body along with the functions of the individual body parts. An emphasis will be placed upon how the structures within the body interact to maintain normal body processes. Anatomy/Physiology at Modesto Christian High is based on the presupposition of God as the creator of man and seeks to enable the students

to develop knowledge and skills, which will be invaluable to their post-secondary education. This course, therefore, is essential for college bound students considering a career in the healthcare field, and is designed to fulfill college requirements.

**Prerequisites:** Chemistry/Environmental Science and Biology and/or teacher approval;  
**Fees:** None

### **ANATOMY / PHYSIOLOGY HONORS\*\*                      Grades 11, 12**

Honors anatomy/physiology is a two-semester course, which studies the structural organization of the human body along with the functions of the individual body parts. An emphasis will be placed upon how the structures within the body interact to maintain normal body processes. Anatomy/Physiology at Modesto Christian High is based on the presupposition of God as the creator of man and seeks to enable the students to develop knowledge and skills, which will be invaluable to their post-secondary education. This course, therefore, is essential for college bound students considering a career in the healthcare field, and is designed to fulfill college requirements. The honors anatomy/physiology is designed for the more advanced college prep student who is capable of moving at a quicker pace. This course requires additional homework assignments and a research paper will be due each semester.

**Prerequisites:** Chemistry, Biology (B or better) and teacher approval; **Fees:** None

### **PHYSICS - CP\*/\*\*                      Grades 11, 12**

Physics is a two-semester science course that investigates the laws of nature and matter. Physics investigates the fundamental laws ordering motion, gravity, electricity, magnetism, light and nuclear power. These laws will be applied to the proper situations in life. This course is designed to develop proficiency with mathematical skills in physics (good mathematical skills are required) and to improve logical thinking. Real-life application of learned skills will be discussed, emphasized and required. Several times during the school year, students may be asked to work independently with new theoretical material or problems that will make them use previously learned lessons.

**Prerequisites:** Chemistry, Algebra II, (recommended concurrently enrolled in Trig/Pre-Calc); **Fees:** None

### **PHYSICS HONORS - CP\*/\*\*                      Grades 11, 12**

This course explores Newtonian mechanics, including vectors, force diagrams, velocity, acceleration, friction and work. Electricity and magnetism are also explored. Students may register for the AP exam.

**Prerequisites:** Concurrent enrollment in Trig/Pre-Calc (completion of Trig/Pre-Calc recommended); **Fees:** None

## **SOCIAL SCIENCE DEPARTMENT**

### **DESCRIPTION OF EXCELLENCE**

Students in the Social Science Department gain a thoroughly integrated view of the world including geography, history, the media and politics so that they may synthesize their personal Christian values and convictions relative to the world in which they live. The Social Science classes are designed to provide an in-depth analysis of the events and people that have shaped our world. This analysis is supplemented by an emphasis on logical and critical thinking skills. The application of this rigorous study of history not only prepares students to understand our historical and present day culture but enables them to “discern the times” as an aid in daily life. Students will learn from historical events as they relate to the present day.

## **HUMAN GEOGRAPHY -**

**CP\*\***

**Grades 9, 10, 11, 12**

This year-long course focuses on the culture of various people groups, and the impact that location has on those cultures. Geographical regions studied include the United States, Canada, Latin America, Europe, Russia, Africa, Southwest Asia, and East Asia. Students explore the religious climate in countries around the world.

*Prerequisites:* None; *Fees:* None

## **AP HUMAN GEOGRAPHY\*/\*\*/\*\***

**Grades 9, 10, 11, 12**

The purpose of AP Human Geography 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 learn about the methods and tools geographers use in their science and practice. The course consists of seven units of study including the Nature and Perspective of Geography, Population, Cultural Patterns, Political Organization, Agriculture, Industrialization, Cities and Urban Use. Students are required to register for the AP exam.

*Prerequisites:* Freshmen - appropriate score on English placement exam; other HS students - none; however, recommendation of the teacher may be required; *Fees:* Possible textbook purchase and AP Exam Fee

## **AP EUROPEAN HISTORY\*/\*\*/\*\***

**Grades 9, 10, 11, 12**

This course will immerse the student in more than 500 years of European History, from 1450 A.D. to the present. There are four major time periods studied: 1450-1648, 1648-1815, 1815-1914, and 1914-Present. The student will also focus on six major themes in European History which include the Interaction of Europe and the World, Poverty and Prosperity, Objective Knowledge and Subjective Visions, States and Other Institutions of Power, Individual and Society, and National and European Identity. Students are required to take the AP exam.

*Prerequisites:* Freshmen—appropriate score on English placement exam; other HS students—none. However, recommendation of the teacher may be required; *Fees:* Possible textbook purchase, AP Exam Fee

## **WORLD CULTURES\*\*      Grades 9, 10**

This course focuses on the major historical events and people throughout the history of civilization. Emphasis includes culture, world religious systems, and major stages of human civilization development.

*Prerequisites:* None; *Fees:* None

## **US HISTORY\*\***

**Grade 11**

United States History focuses on the study of modern American history. The primary focus of the course is American History beginning at the Civil War Era and moving toward the present day. Students will participate in the examination of the Progressive Era, Jazz Age, World Wars and the Cold War, Great Depression, Civil Rights, Watergate, and present day American issues. An in-depth investigation of historical events and periods, the fostering of multicultural awareness, the recognition of ethical, civic, and democratic values present in American history, and the development of a historical perspective in relation to contemporary events represent the major aspects of the course.

*Prerequisites:* None; *Fees:* None

## **AP US HISTORY\*\***

**Grade 11**

This course takes an in-depth look at the history of the United States. The areas of concentration include historical, political, and economic history coupled with an intense study of cultural and intellectual institutions and their development. Students are expected to write extensively about past events, drawing connections between events from various time periods in American history. A key component of this course is that the student will be required to frequently analyze, synthesize, and evaluate primary and secondary historical sources in addition to memorizing, comprehending, and applying facts. Students are required to register for the AP exam.

**Prerequisites:** None; However, recommendation of the teacher may be required.  
**Fees:** Possible textbook purchase, AP exam fee

## **GOVERNMENT\*\*                      Grade 12**

This one semester required course in American Government is designed to give students a basic analysis and understanding of the structure, operation, and purpose of our system of government in the United States. It explores the intent of the founding fathers to establish government based upon Christian values and principles. Students will become familiar with various aspects of the government such as: the founding and organization of our country, the Constitution, Supreme Court cases, branches of government and their duties and responsibilities, political behavior, and understanding the threads of a democracy. The Bill of Rights and the Constitution as the foundation of our political system is presented.

**Prerequisites:** None; **Fees:** None

## **ECONOMICS - CP\*\*                      Grade 12**

This one semester course in Economics is designed to teach the principles of economics with an emphasis on the American Free Enterprise system. Included are economic concepts such as capitalism, needs and wants, supply and demand, production, costs, consumerism, competition, the banking industry, inflation, poverty, GDP, taxes, and government assistance. Personal finance economics is integrated along with the principles of college costs, saving, credit and debit, generic purchasing vs. name brand, and consumer awareness. It is also the objective of this course in economics to lay a foundation of biblical stewardship of the resources God has entrusted to each of us.

**Prerequisites:** None; **Fees:** None

# **ELECTIVES**

## **ASB LEADERSHIP\*\*                      Grades 9 – 12**

This course focuses on the principles of biblical leadership, as evidenced by the servant leadership of Jesus Christ.

- Students are not only taught principles and practices of leadership, but are expected to demonstrate this leadership on and off the campus and also among the MC student body.
- Students will learn practical aspects of governmental operations including parliamentary procedure, budget planning and implementation, coordination of events, and the basic principles of leadership from a Biblical perspective.
- Specific planning and implementation of student activities are accomplished by ASB Leadership under the guidance of the Administration, Faculty, and specific leadership Teacher.

Specific student requirements must be met in order to qualify for ASB leadership.

**Prerequisites:** Selection into ASB; See Student Handbook/Student Leadership Eligibility

Standards; One year service; **Fees:** None; this course may satisfy one activity requirement. This course meets during 8th period or as determined.

## **WORSHIP\*                      Grades 10, 11, 12**

This course will involve students in live musical performances regularly for High School chapels.

- Students are instructed in live performance and practice to minister to High School students through music and personal life testimony.
- Included in Worship is a relevant classroom Bible Study that is designed to challenge their spiritual life while being in an up-front performance ministry to students.
- Worship is all about leadership and Christian service through singing and playing instruments.

Worship band try-outs are conducted in the spring of each year.

**Prerequisites:** See Student Handbook/Student Leadership Eligibility; spring musical try-outs

and interview. This course may satisfy an activity requirement; **Fees:** None; **Time:** This course meets during 8th period or as determined.

### **PSYCHOLOGY\*\*/\*\* Grades 11, 12**

Psychology is the study of human behavior: why people are the way they are, why they think and act the way they do, and how human beings have both similarities and differences. This course applies principles of behavioral studies to individual lives while acknowledging all human reasoning must conform to God's word.

**Prerequisites:** None; **Fees:** None

### **STUDY HALL Grades 9, 10, 11, 12**

Provides an opportunity for the student to complete daily homework and prepare for upcoming tests and projects. This is a no-credit class with a pass/fail grade.

**Prerequisites:** None; **Fees:** None; **Course Duration:** Semester

### **SPORTS MANAGEMENT\* Grades 11, 12**

This course views sports from the marketing, legal, business, management, and theories perspective. Students learn different managerial styles/techniques used in professional, international, and intercollegiate athletics. Career ideas/testimonials are shared in the text and class, providing a glimpse of possible careers in the industry. Offered to junior and

seniors only, this course includes high volume reading, discussion, critical thinking, projects and tests. Students will leave with an overview of the field, awareness of professional considerations to succeed in the sports industry, and experience in critical thinking skills and applications.

**Prerequisites:** None; **Fees:** None; **Course Duration:** Semester

### **TEACHER'S AIDE Grades 11, 12**

Students participating as a Library Aide, P.E. Aide, Teacher's Aide, or Office Aide will receive five credits with a pass/fail grade.

**Prerequisite:** Students must maintain good citizenship and have written permission from the specific teacher the student will be assisting.

**Fees:** None; **Course Duration:** Semester

### **LIFE SKILLS\* Grades 10, 11, 12**

This course focuses on teaching students a wide variety of skills needed for handling adult situations and basic life skills. Students will learn how to handle life situations as a Christian and apply Biblical teachings to real-life situations. Throughout this course, students will learn basics in budgeting and finances, communication skills and relationship building, resume Home Ec. skills such as cooking and sewing, car safety and home repairs, etc. The goal of this course is to build students into well-rounded and capable adults.

**Prerequisites:** None; **Fees:** Materials \$100; **Course Length:** One Semester

# UNIVERSITIES AND COLLEGES – MCHS GRADUATES

## **CALIFORNIA**

Academia of Art College  
American Musical & Dramatic Academy  
Azusa Pacific University  
Biola University  
Brooks Institute  
California Baptist University  
California Maritime Academy

## **California State Universities**

*Bakersfield*  
*Channel Islands*  
*Cal Poly*  
*Chico*  
*East Bay*  
*Fresno*  
*Fullerton*  
*Humboldt*  
*Long Beach*  
*Monterey Bay*  
*Pomona*  
*Sacramento*  
*San Bernardino*  
*San Diego*  
*San Francisco*  
*San Jose*  
*San Luis Obispo*  
*Stanislaus*  
*Sonoma*

Chapman University  
Claremont McKenna  
Concordia University  
Cuesta College  
Delta Junior College  
Dominican University  
Fashion Inst. of Design & Merchandising  
Fresno Pacific University  
Golden State Baptist College  
John F. Kennedy University  
The Master's College  
Menlo College  
Merced Junior College  
Modesto Junior College  
Notre Dame de Nam Jr. University

Pacific Union College  
Pepperdine University  
Point Loma Nazarene Univ  
San Francisco Art Institute  
Santa Clara University  
Simpson University  
St. Mary's College

## **University of California**

*Berkeley*  
*Davis*  
*Irvine*  
*Los Angeles*  
*Merced*  
*Riverside*  
*Santa Barbara*  
*Santa Cruz*  
*San Diego*

University of the Pacific  
University of San Francisco  
University of Southern Ca  
Vanguard University  
Westmont College  
William Jessup University

## **OUT OF STATE**

Arizona State University, AZ  
Baylor University, TX  
Boise State University, ID  
Boston University, MA  
Brigham Young University, UT  
Brown University, RI  
Calvin College, MI  
Cedar Crest College, PA  
Cedarville College, OH  
Central Bible College, MO  
Central Washington Univ, WA  
Clark Atlanta University, GA  
College of the Virgin Islands  
College of William and Mary, VA  
Colorado State, CO  
Columbia Christian College, OR  
Corbin College, OR  
Covenant College, CT

Dakota Wesleyan University, SD  
Dordt College, IA  
Elizabethtown College, PA  
Embry-Riddle Aeronautical Univ FL  
Evangel University, MO  
Florida A & M University, FL  
Fordham University, NY  
George Fox University, OR  
Gonzaga College, WA  
Grace College, IN  
Grand Canyon University, AZ  
Hampton University, VA  
Harvard Business School, MA  
Hawaii Pacific University, HI  
Hillsdale College, MI  
Houston Baptist University, TX  
Idaho State, ID  
Johnson & Wales University, RI  
Kent State University, OH  
Lewis & Clark University, OR  
Liberty University, VA  
Liberty University Seminary, VA  
Linfield College, OR  
Loyola Marymount University  
Lubbock Christian University, TX  
Montana State, MT  
New England College, NH  
North Carolina State, NC  
North Dakota State University, ND  
Northern Arizona University, AZ  
Northland College, WI  
Northwestern, IA  
Northwestern College, MN  
Northwestern University, WA  
Norwich University, VT  
Nyack University, NY  
Oklahoma Christian College, OK  
OK Northeastern College, OK  
Oklahoma State University, OK  
Olivet Nazarene University, IL  
Oral Roberts University, OK  
Oregon State University, OR  
Pacific Lutheran University, WA

Princeton University, NJ  
Purdue University, IN  
Rice University, TX  
Seattle Pacific University, WA  
Sierra Nevada College, NV  
Southern Methodist University TX  
St. Francis University, ME  
St. Mary's University, TX  
Taylor University, IN  
Texas Christian University, TX  
Texas Southern University, TX  
Texas Tech University, TX  
Trinity University, TX  
Trinity Western Univ, Canada  
Tuskegee University, AL  
United States Air Force Acad, CO  
United States Naval Acad, MD  
University of Colorado, CO  
University of Dallas, TX  
University of Idaho, ID  
University of Illinois, IL  
University of Indiana, IN  
University of Kentucky, KY  
University of Minnesota, MN  
University of Mississippi, MS  
University of Missouri, MO  
University of Montana, MT  
University of Nevada, NV  
University of New Mexico, NM  
University of North Carolina, NC  
University of Oklahoma, OK  
University of Pennsylvania, PA  
University of South Carolina, SC  
University of Virginia, VA  
University of Washington, WA  
Valparaiso University, IN  
Warner Pacific College, OR  
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