

**C
O
U
R
S
E

C
A
T
A
L
O
G**



Accredited by the Western Association of Schools and Colleges

&

The Western Catholic Education Association

**Paraclete High School
42145 North 30th Street West
Lancaster, CA 93536
Phone: 661-943-3255 - Fax: 661-722-9455
www.paracletehs.org**

Table of Contents

| | |
|--|-------|
| INTEGRAL STUDENT OUTCOMES..... | 2 |
| SCHOOL PHILOSOPHY..... | 2-3 |
| SCHEDULE AND INFORMATION FOR REGISTRATION/COURSE SELECTION..... | 3-4 |
| COURSE DESCRIPTIONS..... | 5-18 |
| ART..... | 5-6 |
| COMPUTERS..... | 6-7 |
| ENGLISH..... | 7-8 |
| MATHEMATICS..... | 9-10 |
| PHYSICAL EDUCATION..... | 11 |
| RELIGIOUS STUDIES..... | 11-12 |
| SCIENCE..... | 12-14 |
| SOCIAL STUDIES..... | 14-16 |
| WORLD LANGUAGES..... | 16-17 |
| GENERAL ELECTIVES..... | 18 |
| SUMMER READING PROGRAMS..... | 19 |
| CHRISTIAN SERVICE GUIDELINES..... | 20 |
| NCAA ELIGIBILITY REQUIREMENTS..... | 21-24 |
| GRADUATION/COLLEGE ENTRANCE REQUIREMENTS (All Paraclete Graduation Requirements meet or exceed those of the California State Board of Education..... | 25 |

NONDISCRIMINATION POLICY

Paraclete High School mindful of its mission to be a witness to the love of Christ for all, admits students of all races, color and national and/or ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at this school. Paraclete High School does not discriminate on the basis of race, color and national and/or ethnic origin in the administration of educational policies, scholarship and loans programs and athletic and other school administered programs. Likewise, Paraclete High School does not discriminate against any applicant for employment on the basis of sex, age, handicap, race, color and national and/or ethnic origin.

Integral Student Outcomes

The Holy Spirit, the Paraclete, is the guiding light for faculty, staff and students at Paraclete High school. Through the Spirit we are inspired to teach as Christ taught. Guided by the Spirit we aspire to the following core values: Spirit in Christ, Spirit as family, Spirit as Knowledge, Spirit for success, and Inspired to Serve.

Paraclete, a Catholic community, contributes to cultivating students who are Involved Citizens.

Paraclete graduates:

1. Recognize and understand the Catholic values and ideals as well as the contributions of diverse religious beliefs and traditions.
2. Exhibit social responsibility through Christian service and the demonstration of respect for others.
3. Establish a foundation in Scripture and Catholic traditions and continue to develop these teachings throughout their lives.
4. Demonstrate moral development and growth as a whole person: spiritually, intellectually, emotionally, and socially.

The Paraclete academic and family environment creates students who are Effective Communicators. Paraclete graduates:

1. Read, write, listen and speak reflectively and critically.
2. Process information, draw conclusions and apply findings in an effective and productive way.
3. Demonstrate advanced technological skills.
4. Present work using a variety of technologies and media while also adapting to a constantly evolving digital world.
5. Exhibit articulate expression while respecting a variety of other perspectives.

Paraclete's elevated scholastic atmosphere produces graduates who are Critical Thinkers.

Paraclete graduates:

1. Can identify, evaluate, organize and synthesize information in multiple fields.
2. Integrate learning and speak reflectively and critically while considering the complexity of any issue.
3. Develop and evaluate hypotheses that demonstrate their informed citizenship.
4. Create well-researched and educated solutions to problems rather than accepting defeat or perpetuating apathy.

Paraclete's comprehensive curriculum and students-first environment fosters graduates who are Productive Individuals.

Paraclete graduates:

1. Possess the ability to access resources both traditionally and technologically.
2. Set and achieve personal and career goals that utilize their critical thinking, reasoning and communication abilities.
3. Acquire reasoning skills that enable them to evaluate options and to make choices compatible with Christian values.

STATEMENT OF PHILOSOPHY Reviewed 2017

Paraclete High School, as a Catholic school in the Archdiocese of Los Angeles, participates in the wider mission of the Church through the proclamation of Christ in the light of Scripture and Catholic Tradition and through its academic, athletic and social programs.

As a Catholic school the doctrinal elements reflect authentic Church teaching in union with the Pope and Bishops. A community spirit and bond is fostered through the Eucharist, retreats, common work and the discipline program as well as athletic and social activities. Fostering active service through emphasizing the unique value of every person, Paraclete also challenges students to active responsibility and provides a Christian Service Program for outreach to the school community and the outside community.

As an academic institution Paraclete seeks primarily to prepare students for entrance and success at the college level. The school also provides courses for students not necessarily college bound, maintaining for all a challenge to love learning, to respect science and the arts, to be able to think critically and to understand values.

Paraclete encourages athletic participation in physical education classes and on extramural teams seeking to educate and develop the whole person. The school is committed to both girls' and boys' athletics with each program careful to be true to the religious and moral values of the whole institution's philosophy. Social interchange occurs in many ways. The school encourages care for all and celebration of our common life and interests through participation in student government, dances, plays and other extracurricular events.

While desirous of serving first the Catholic families of the Antelope Valley, Paraclete High School welcomes students from other faiths who are committed to the same essential values and standards. The rich blend of perspectives and beliefs is a cherished part of our identity.

Paraclete recognizes the parents as the primary educators of their children. The school reflects the pride of its role of service to God and people with a committed faculty and staff, an energetic, disciplined student body and a dedicated, supportive group of parents, alumni and friends.

Participating in the life and mission of the Church, Paraclete High School seeks to do the good things Christ calls us to do as human beings alive to truth, beauty and charity today and in the future.

COLLEGE COURSES/CREDIT FOR OFF CAMPUS COURSES

If a course is offered at Paraclete, it may not be taken elsewhere for high school credit and placed on the transcript unless such action is approved by the vice-principal or academic advisor. As a general rule, credit will not be granted for courses taken at a high school not accredited by the Western Association of Schools and Colleges and the WCEA

Classes taken in place of Paraclete requirements must be approved by the college counselor and meet the following requirements: (a) the same or equivalent course is not offered at Paraclete; and (b) the course must be either of superior academic quality as approved by the University of California system for college entrance; or (c) the course is required for graduation but cannot be scheduled for the student during the regular class day at Paraclete due to scheduling conflicts; or (d) the course is a repeat of a course previously failed during the regular term and presently unavailable for repeat at Paraclete. All courses taken elsewhere must be approved by the Counseling Department and/or Vice-Principal.

BASIC PROGRAMS

The curriculum of Paraclete High School is designed to provide every student with sufficient knowledge to enter college. The basic curriculum, therefore, is college preparatory. Special attention is given to meeting the requirements for admission to the University of California system, so that those students who desire immediate entrance to a four year college are provided with adequate courses and course material to meet the requirements. The curriculum is also designed to provide courses for remediation on the freshman level when needed.

Each student at Paraclete High School normally attends six classes per day or forty-eight classes during a complete four years on the campus (six classes per day, twelve classes per year, forty-eight classes for four years).

Full courses (two semester courses) at Paraclete cannot be dropped at the end of the first semester except with the prior approval of the teacher, counselor and the Vice-Principal.

ELECTIVES

Electives are courses that the school “elects” to offer in order to round out its total academic program and provide enough courses to fulfill the required number of courses for graduation. Students are given some choice in the selection of which electives they wish to take, We cannot guarantee that students will be given the courses that they select from among the available electives.

HONORS LEVEL/ADVANCED PLACEMENT QUALIFYING EXAMS

Students planning on enrolling in honors level or advanced placement courses are responsible for getting all pertinent information re: dates, prerequisites, and application procedure from the appropriate teacher as announced. Acceptance will be based on a “First Come, First Served” basis once prerequisites are met. Students applying after a class is full will be placed on a waiting list.

Questions regarding eligibility are to be directed to the appropriate teacher and/or department chair first. If there is need to discuss eligibility further after this initial contact, questions for each of the classes should be directed to: Class of 2019 to Mr. Albert Landa -- Class of 2020 to Mrs. Beth Pierson -- Class of 2021 to Mrs. Paula Schoorl -- Class of 2022 to Mrs. Troisi.

PARACLETE GRADUATION REQUIREMENTS

For graduation from Paraclete High School, the student must successfully complete a course of studies that includes Religion (during each semester that a student is in attendance at Paraclete), four years of English, three years of Mathematics, two years of Laboratory Science, one year of United States History, one semester of American Government (Civics), one semester of Economics, two years of Foreign Language, one year of Visual or Performing Arts, one year of Physical Education/Health, and one year of World History, and Health. A student must complete a total of 48 semester units.

FRESHMAN YEAR

1. Religion I: The Revelation of Jesus Christ in Scripture/The Mystery of Jesus Christ*
2. English I
3. Mathematics
4. English Language Skills or World Languages
5. Physical Education/Health
6. Elective

SOPHOMORE YEAR

1. Religion II: The Paschal Mystery/The Church Our Story: Ecclesiology
2. English II
3. Mathematics
4. World Languages
5. World History or Elective
6. Science

JUNIOR YEAR

1. Religion III: Morality/Social Justice, Sacraments
2. English III: American Literature and Composition or AP English III
3. Mathematics
4. Science
5. Social Studies: U.S. History or A.P. U.S. History
6. Elective

SENIOR YEAR

1. World Religions/Christian Life
2. American Government/Economics or Economics/A.P. American Government
3. English IV: British Literature/Composition or A.P. English Literature.
4. Art Requirement
5. Elective
6. Elective

- **AP Capstone Diploma™**: Granted to students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing.
- **AP Seminar and Research Certificate™**: Granted to students who earn scores of 3 or higher in both AP Seminar and AP Research.

Students will be introduced to the study of filmmaking as an art form through viewing many film genres throughout the year. They will study the various elements within a film and how a director uses them as creative expression in depicting his own artistic interpretation of his subject. They will learn to identify and analyze these elements in relation to films viewed in class, as well as seeing them in an historical and cultural content. Through their study of these, they will also develop criteria to make informal judgments about the quality of the film work that they see and be able to demonstrate their understanding through written assignments using critical analysis. They will also create a scene or short movie using the iPad.

***Photography** **One Year Course** **11, 12**
Elective Course

No Prerequisite; Students MUST bring their own cameras.

This course is designed to provide experience for the student in both the creative and technical aspects of photography. Students will receive instruction in digital photographic techniques through assignments that build beginning technical and conceptual skills using digital cameras and advanced software to manipulate and edit digital images.

COMPUTER SCIENCE DEPARTMENT

Computer Science 1 **One Year Course** **9, 10**
Elective Course

This year-long course will focus on integrating computer programming, critical thinking, problem-solving, web design, robotics, and data analysis. Students will learn about mobile devices while learning X-Code to program apps for the iOS. They will use Excel to collect, analyze, and present data. This unit relies on research and learning how to make graphs and charts to support their findings. Students will take a hands-on approach to Robotics using RobotC programming and the NXT system. They build robots using Legos. Finally, students will learn to construct Web pages containing animated graphics, forms, frames, style sheets, XML, and Dynamic HTML. The course follows the curricular standards provided by the ACM's "A Model Curriculum for K-12 Computer Science" which guides the curricular recommendations of the Computer Science Teachers

Association. (<http://csta.acm.org/Curriculum/sub/ACMK12CSModel.html>)

***Graphic Design** **One Year Course** **9, 10, 11, 12**
Elective course

No Prerequisite

Students will express their original creativity visually and develop and showcase their ability to communicate ideas through a variety of graphic media. Students learn the basics of graphic design in preparation of original art involving typography, page layout and integrated graphic elements. Instruction will be given in the following areas: Elements of art and principles of design,; mechanical and computer design methods; printmaking; the finishing of graphic projects; and the historical and cultural development of graphics and the printing industry. This class satisfies the UC VPA requirement.

***Digital Video Production** **One Year Course** **11, 12**
Elective Course

No Prerequisite

The course will instruct students in communication through the medium of video. Students will express themselves clearly and concisely in their writing about film and television. Students will develop an idea, compose a proposal, and write a script. The completed project will be a video product based on their script. Students will also write and produce live television shows in a variety of formats. Most important are the student study of the art of filmmaking and the creative process that precedes any film or television project. Students will study the impact of film and television on society from a social, economic, and political viewpoint. A variety of films will be studied. Students are expected to know the history of filmmaking and the technological advances in this art form. This course satisfies the UC VPA requirement.

***Robotics** **One year course** **10, 11, 12**
Elective course, students must apply for course.

This course uses a hands-on approach to introduce basic concepts in robotics focusing on programming, micro controllers, autonomous and tele-op controlled robots and real world applications. Information in class will be linked to lab experiments. Students will work on teams to build, program, and test increasingly complex Android based robots. Students will apply what they have learned through a series of FIRST Tech Robotics Contests. A new challenge is

newspaper, *Paracletian*. Work will include writing well under pressure, gathering information independently and organizing it effectively, working within deadlines, collaborating with peers as a staff. Through extensive editing and rewriting, students exhibit mastery in all of these skills. (Course will be offered at “0” period daily.) This course is pending U.C. approval.

MATHEMATICS-- Paraclete students are required to complete three years of mathematics, which must include Algebra and Geometry. Algebra II and Geometry are required for university admissions. We strongly urge all students to take four years of math for college success. For students who will pursue a career in Mathematics, Science, or Engineering, four years of mathematics, including Algebra II and Pre-Calculus, is recommended, and for selective colleges, may be required.

***Algebra I** **One year course** **9**

Prerequisite: Appropriate mathematical preparation as evidenced on a High School Placement test.

This course is designed to present the concepts of elementary algebra which includes the topics of signed numbers, evaluation of expressions, solution of equations, word problems, factoring, simplification of radicals, linear equations, and quadratic equations.

***Honors Algebra 1** **One year course** **9**

Prerequisite: Appropriate mathematical preparation as evidenced on a High School Placement test and/or MDTP Algebra I Readiness Test.

This is a full-length Honors Algebra I course for accelerated students. In this course, students will extend topics introduced in pre-algebra or a middle school algebra course and learn algebraic concepts through both theory and applications. Modeling and real-world problems are introduced throughout the course. This course prepares students for Honors Geometry and Honors Algebra II.

***Geometry** **One year course** **9,10**

Prerequisite: Passing grade in Algebra I at Paraclete High School (Incoming students and 8th graders who have had Algebra I must pass PHS’s Qualifying exam.)

This course introduces students to the inductive approaches to mathematics. It includes the study of angle relationships, parallel lines, congruent triangles, arcs, polygons, coordinates, areas, and basic trigonometry.

***Honors Geometry** **One year course** **9, 10**

Prerequisite: A grade of “B” or higher in Honors Algebra I; good attitude and good work habits, does classwork and homework on a consistent basis; an excellent attendance record; recommendation from a Paraclete Algebra I instructor.

This honors level Geometry class presents more opportunities to the students strong in mathematical skills to study and discuss geometric concepts and principles. The course also includes interdisciplinary topics and real-world applications.

***Algebra II** **One year course** **10,11,12**

Prerequisite: Two semesters of Algebra I with a minimum grade of “C” (73%) each semester and two semesters of Geometry.

One year course covering in-depth solution of linear equations and inequalities and their graphs, quadratic equations and inequalities, graphs of any second degree equation, logarithms, sequences and series. If time permits, selected trigonometry topics will be introduced. This is the third year of mathematics required for entrance to most four year colleges and universities.

***Algebra II Honors/Trigonometry** **One year course** **10, 11, 12**

Prerequisite: Completion of Honors Algebra I and Honors Geometry with “B” or higher would be an indication of eligibility. Additional requirements for admission to the class would be essentially similar to those for admission to any other honors course at Paraclete. Teacher recommendation is required.

This course is designed to cover Algebra II concepts through Pre-Calculus level Algebra as well as the Trigonometry concepts normally presented in either a one-semester Trigonometry course or within a year-long Pre-calculus course. It is a fast paced course suitable to students who have demonstrated excellent math aptitude as well as the willingness to do the work required. Successful completion of this course would enable the student to proceed directly into Calculus or AP Calculus with instructor’s approval.

***Trigonometry** **One year course** **11, 12**

Prerequisite: Algebra 2 with a grade of “B-” (80%).

The primary goal of this course is for each student to acquire a solid understanding of trigonometry and its applications in the real world. The secondary goal is for students to keep their knowledge of general functions and equation solving, and to develop a deeper understanding of exponential/logarithmic functions which they were introduced to in Algebra 2. Students will learn trigonometry, general functions, exponential functions and logarithmic functions along with their applications in the real world. This class is geared for the college-bound student who is not necessarily prepared for the rigor and speed of the Pre-Calculus class.

***Pre-Calculus** **One year course** **11, 12**

Prerequisite: Algebra II with a grade of “B” (83%)

This is a college prep course which introduces students to college level Algebra and Trigonometry. Topics include functions, trigonometry, logarithms, analytical geometry, and limits. This a preparatory course for students intending to take college level Calculus.

***Calculus** **One year course** **11,12**

Prerequisite: Honors Algebra II with a “C” or higher or Pre-Calculus with a grade of “B” or higher.

This course follows Algebra II Honors or Pre-Calculus. Emphasis will be placed on topics such as limits, differentiation, and integration. Each of these topics will also include extensive practice and use of examples. Because it is an advanced course in mathematics, additional time and effort will be required of the students. This course will prepare the student for advanced Mathematics in college.

***A.P. Calculus A/B** **One year course** **11,12**

Prerequisite: Honors Algebra II or Calculus with a grade of B and instructor approval

Calculus A/B is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to a semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout this course. To cover the necessary content, this course will demand additional time and effort on the part of the students.

At the conclusion of this course students may petition to take the advanced placement exam for Calculus A/B.

***A.P. Calculus B/C** **One year Course** **11,12**

Prerequisite: Passing grade in Calculus A/B and instructor approval

Calculus B/C is a course in single variable calculus that includes all the topics of Calculus A/B plus additional topics in differential and integral calculus including series, vectors, parametric and polar equations. It is equivalent to a year of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout this course. To cover the necessary content, this course will demand additional time and effort on the part of the students. At the conclusion of this course students may petition to take the advanced placement exam for Calculus B/C.

***Statistics** **One year course** **11,12**

Prerequisite: Algebra 2 with a grade of “C” (73%)

This is an introductory course in statistical reasoning designed to acquaint students with the fundamentals of analyzing data from diverse areas of interest. Topics covered include: probability, data dispersion, tendencies, estimations, correlations, variances, and testing hypotheses. Students conduct surveys on timely topics and use statistical techniques to analyze results. The graphing calculator as well as computer software will be used extensively.

***A.P. Statistics** **One year course** **11,12**

Prerequisite: Algebra 2 with a grade of “B” (83%), instructor approval.

This is an Advanced Placement course in statistical reasoning designed to prepare students for the A.P. exam in Statistics. Topics covered are those included in the A.P. exam, such as: exploring and analyzing data, making use of graphical and numerical techniques to study patterns; sampling and experimentation with the data, which includes planning and conducting a study; anticipating patterns using the tool of probability; estimating parameters and testing hypotheses using statistical inference.

Religion IIIA: Morality/Social Justice Semester Course 11
Required for all Juniors

This course centers on study of the seven themes of Catholic Social Teaching. In examining each of these seven themes, students are exposed to Catholic moral teaching regarding some of society's most pressing current social issues. Students will examine their responsibility and their call to work for peace and justice in the world.

Religion IIIB: Sacraments: Privileged Encounters with Christ Semester Course 11
Required for all Juniors

In this course students will be introduced to the Sacraments of the Church and the mystery of God's presence in our lives through the sacramental system. They will explore the Sacraments of Initiation including Baptism, Eucharist, and Confirmation. They will discover the healing sacraments of Reconciliation and Anointing of the Sick. Finally the students will investigate the Sacraments of vocation in Marriage and Holy Orders.

Religion IVA: World Religion Semester Course 12
Required for all Seniors

In this course, students will examine, from the Catholic perspective, Eastern and Western thought and the various expressions of world views in religion including diverse concepts of God and society. The major world religions will be studied: Hinduism, Buddhism, Taoism, Islam, Judaism and Christianity.

Religion IVB: Christian Life Semester Course 12
Required for all Seniors

This course is designed to aid students in facing the challenges of young adulthood so that they can shape a future that is hopeful, healthful and full. By focusing on vocations, students come to understand the underlying belief that living a Christian lifestyle is the optimal way to be fully alive.

Religion IV (Option): Christian Life (Vocations) / Living as a Disciple of Jesus Christ in Society
Year Course 12

Seniors Only

In addition to fulfilling the Archdiocesan requirement of Christian Life (Fall) as described above, this course will also introduce students to the Church's social teaching and mission (Spring). Seniors will be given the opportunity to practice leadership and ministry skills while assisting in the planning of and participation in religious events. Interested students must have demonstrated an advanced sense of Christian Spirituality and a high level of participation in campus ministries. Required: a letter of request for enrollment and approval by the Campus Minister. This course option is only offered to Seniors.

SCIENCE --Two years laboratory science required for graduation

***Biology** Year Course 9, 10, 11, 12

Biology is the study of life. This course is a one-year, college prep, laboratory-based science class in which the interrelationships among living organisms are studied. Content is built around major biological concepts such as biochemistry and the biology of cells, the molecular basis of heredity, biological evolution, matter and energy, and organization in living systems and the behavior of organisms. It includes an introduction to the scientific method, botany, zoology, ecology, taxonomy, and microbiology. Focus is on active student participation in laboratory investigations and the development of critical-thinking skills.

***Honors Biology** One year course 9, 10, 11, 12

Prerequisite: A grade of A- or higher in seventh and eighth grade Science and score in the top percentile on the Entrance exam for the summer course which is by invitation only. For the school year course, students must have a 3.3 GPA.

The content of this course includes cellular structure and function, biochemistry, theories of evolution, structures and functions of single-celled and multi-cellular organisms (including humans), biotechnology genetics and heredity, and human impact on earth. The pace of this course is accelerated and material is presented in greater depth than in Biology. Emphasis is placed on the utilization of mathematical, analytical, data acquisition, and communication skills as well as interdisciplinary approaches to discovery. Concepts and skills are reinforced by a strong emphasis on hands-on laboratory experiences and the integration of other branches of science. Applications to society, individuals, and the utilization of technology are included.

AP Biology*One year course****11, 12**

Prerequisite: 3.3 overall grade point average and the student must have completed Biology and Chemistry with a minimum of a “B”. A college-level course for students eligible for honors classes. The course follows the curriculum framework set by the College Board, including recommended laboratory activities, and prepares students for the Advanced Placement Exam in Biology. Course of study focuses on the following main topics introduced in Biology: 1) Molecules and Cells, 2) Genetics, 3) Evolution and 4) Organisms and Populations. Principles of Biochemistry, Cell Biology, Molecular Genetics, Mendelian Genetics, Population Genetics, Ecology, and Plant and Animal Physiology are included. The ability to read complex material, to think logically, and to write clearly are essential to succeed in this course. In May, students in this class are expected to take the AP examination.

Chemistry**One year course****10, 11, 12**

***Prerequisite: The student must have completed Biology and Algebra 1.** Chemistry is a one year, laboratory-based college-preparatory course. Concepts and skills are reinforced by a strong emphasis on hands-on laboratory experiences. The laboratory work will acquaint students with sound laboratory techniques. Students will utilize mathematical, analytical, data acquisition, and communication skills as well as interdisciplinary approaches to discovery. Applications to society, individuals, and the utilization of technology are included. This course asks students to explore basic chemistry concepts and the impact of those concepts on real-life applications. Problem solving, critical thinking and laboratory skills are emphasized. Major topics include: atomic theory and structure, the periodic table, chemical reactions, stoichiometry, thermochemistry, nuclear chemistry, reaction rates, equilibrium, gas laws, acids/bases and environmental chemistry.

Honors Chemistry*One year course****10, 11, 12**

Prerequisite: 3.3 overall grade point average and the student must have completed Biology and Algebra 1 with a minimum of a “B”.

Honors Chemistry is a one year, laboratory-based college-preparatory course. The pace of this course is accelerated and material is presented in greater depth than in Chemistry. It includes both advanced mathematical and theoretical work in chemistry along with laboratory assignments. The course deals with 1) the different kinds of matter; 2) the properties and uses of matter; 3) the changes which matter undergoes; 4) the conditions which influence these changes. Concepts and skills are reinforced by a strong emphasis on hands-on laboratory experiences and the integration of other branches of science. The laboratory work will acquaint students with sound laboratory techniques. Applications to society, individuals, and the utilization of technology are included.

Anatomy*One Year Course****11, 12**

Prerequisite: The student must have completed Biology and Chemistry with a minimum of a “C”.

Anatomy is a one year, college preparatory lab course designed to introduce students to the structure and function of the human body. Laboratory investigations are designed to illustrate how the body systems maintain a homeostatic internal environment. Active student participation in laboratory investigations and the development of critical thinking skills are essential. Units include history of Anatomy and Physiology, extensive vocabulary, human tissues, and all eleven body systems. Course includes model building and dissection activities. This course is an excellent resource for anyone interested in pursuing a career in healthcare, as well as anyone seeking to improve the accuracy of their commercial art, performing art or for those aspiring to gain a deeper understanding of the structure and function of the human body.

Physics*One Year Course****11, 12**

Prerequisite: The student must have completed Biology, Geometry, and Chemistry with a “C” 2.3 grade point average or higher and have completed (or be enrolled in) Algebra II with a “C” 2.3 grade point average or higher.

Physics is a laboratory-based college preparatory course. Students learn the principles of physics through laboratory investigations, problem solving, teacher-led demonstrations, lectures, discussions, and individual and group study. Students will perform problem analysis using algebraic concepts as they conduct laboratory investigations. The laboratory work will acquaint students with sound laboratory techniques. This course emphasizes study of the basic properties and interactions of matter, force, and energy. In this course, methods used by physicists as they construct a consistent picture of the universe are explored. This course will concentrate on vectors, motion, Newton’s Laws, forces, potential and kinetic energy, momentum, heat, waves, sound, light behavior, electrostatics and electricity.

AP Physics*One Year Course****11, 12****Prerequisite: The student must have completed Biology, Geometry, Algebra II and Chemistry with a 3.5 or higher and be currently enrolled in Pre-Calculus or higher.**

Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and simple circuits. Laboratory experiments, problem solving, and written explanations of physics concepts are emphasized in all units studied. The pace of this course is accelerated and the material is in greater depth, with more mathematical computation than in Physics. In May, students in this class are expected to take the AP examination.

Robotics*One Year course****10, 11, 12****Elective course, students must apply for course.**

This course uses a hands-on approach to introduce basic concepts in robotics focusing on programming, micro controllers, autonomous and tele-op controlled robots and real world applications. Information in class will be linked to lab experiments. Students will work on teams to build, program, and test increasingly complex Android based robots. Students will apply what they have learned through a series of FIRST Tech Robotics Contests. A new challenge is presented each year. This class meets on Tuesdays and Fridays after school with outside meetings and competitions on Saturdays. Class size is limited; students must apply for the class. There is a \$150 material fee for competition, specific parts and fees.

SOCIAL STUDIES--Three years required for graduation***World History****One year course****9, 10****Required for sophomores and can be taken as an elective for incoming freshmen**

World History is a study of western civilization from the beginning of man (pre-history) until modern era. The course will take an extensive look into world pre and historical events using many resources; textbook, primary and secondary documents, as well as visual aids done through video clips and power point presentations. Students will learn how to develop analytical thinking through document analysis.

Pre AP World History*One year course****9, 10****Prerequisite: Cumulative GPA 3.3 or better; completed application submitted.**

In addition to providing a basic exposure to the factual narrative, this class will develop: an understanding of some of the principal themes in European history; and the ability to analyze historical evidence; and an ability to express that understanding and analysis in writing.

AP European History*One year course****10, 11,12****Will fulfill Sophomore requirement for World History / Elective for Juniors & Seniors****Prerequisite: Cumulative GPA 3.3 or better; completed application submitted. Recommended: enrolled in or have taken Pre-ap English or Honors World History**

The A.P. European History course focuses on developing students' understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and the processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world, poverty and prosperity, objective knowledge and subjective visions, states and other institutions of power, and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places. This course is designed to prepare the student for the advanced placement exam in European History.

United States History*One year course****11****Required for juniors.**

This one year course is a study of the persons and events that have influenced American society. This class traces the United States from the Jamestown colonization to the present. Heaviest emphasis is placed on American growth from infant nation to super power.

GENERAL ELECTIVES (Some electives are already listed under their subject content)

AP Capstone- 2 courses

+AP Seminar **One Year Course** **10,11**

Prerequisite: Application with Teacher Recommendation

This is the first course of a two year program called AP Capstone. This course explores issues from multiple content areas and perspectives while investigating different logical effects and formulating arguments and critical evaluations. The course produces a team project, an individual paper and a presentation. Critical thinking, research and collaboration are central components of the class.

+AP Research **One Year Course** **11,12**

Prerequisite: Completion and passing of AP Seminar

The second course of Capstone is based in research, focused on both method, collection and completion of a project. The focus of the content can be an extension of Seminar or can be on a completely new topic. Students will write an academic paper and present and defend their researched findings both of which will be used in their overall AP Research score.

- **AP Capstone Diploma™:** Granted to students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing.
- **AP Seminar and Research Certificate™:** Granted to students who earn scores of 3 or higher in both AP Seminar and AP Research.

Academic Decathlon **Semester Course** **9, 10, 11, 12**
Open to all students as an elective.

Academic Decathlon is a one semester course designed to challenge students to master 10 subjects: Language and Literature, Mathematics, Social Science, Economics, Music, Art, Science, Speech, Essay, and Interview. The focus is to prepare for a regional competition in February. The work may include reading the Curriculum Guides, researching additional materials as needed, discussing and applying concepts and information, and supplementing study of the curriculum through practice tests designed to reinforce key concepts and information from the subject area outlines. (Course will be offered at the "0" period.) There is also the \$200.00 fee for the materials and competition.

Office Aide **Semester Course** **12**

Prerequisite : Approval of counselor. Open to seniors.

Students assist as clerical or teacher aides in the various offices and departments of the school. Individual students will work with school personnel, help with mailings and generally be available to assist faculty or staff. The Counselor determines assignments. A student may enroll in this course for only one semester. Students in this course will receive a pass (P) or fail (F) grade.

Yearbook **Semester Course** **11,12**

Prerequisite: Approval of teacher.

The aim of this course is the production of the yearbook. Instruction is given in digital photography, photo editing, and page layout using the Adobe Creative Suite software which includes Photo Shop, InDesign and Illustrator. The students must meet deadlines when completing page layouts. Offered at "0" period with a letter grade for students completing all of the requirements for the semester. Class is limited to 20 students. This course satisfies Paraclete's Art requirement; does not satisfy most university requirements, including UC and CSU.

English Department Summer Reading

Grade 12 English

Life After Life by **Kate Atkinson**

Lord of the Flies by **William Golding**

A.P. English

Mythology by **Edith Hamilton**

How to Read Literature Like a Professor by **Thomas C. Foster**

See Mrs. Seidel to join iTunes class and for other summer work

Grade 11 English

This I Believe II by **Jay Allison and Dan Gediman**

Ender's Game by **Orson Scott Card**

A.P. English

1984 by **George Orwell**

This I Believe by **Jay Allison and Dan Gediman**

See Mrs. Johnston for summer work

Grade 10 English

Animal Farm by **George Orwell**

The Adventures of Sherlock Holmes by **Arthur Conan Doyle**

Pre-A.P. English

The Old Man and the Sea by **Ernest Hemingway**

Animal Farm by **George Orwell**

Grade 9 English

The Last Lecture by **Randy Pausch**

To Kill a Mockingbird by **Harper Lee**

Pre-A.P. English

To Kill A Mockingbird by **Harper Lee**

Fahrenheit 451 by **Ray Bradbury**

Social Studies Summer Assignments

Honors World History: See Mr. McGuire

A.P. European History: See Mr. Keever

A.P. Government: See Mr. Gavel

A.P. Macroeconomics: See Mr. Miller

A.P. Psychology: See Mr. Fulmer

A.P. United States History: See Ms. Keever

2018

Mathematics Summer Assignments

A.P. Calculus Summer Packet: See Mr. Fangary

Christian Service Guidelines

What is Christian Service?

A very essential component of our life as Christians is to live out our faith. If we claim to be Christian, but never act on it, our faith will become stale and eventually die. Jesus spent his life in the service of others; healing the sick and reaching out to those most ignored by society. These are outward expressions of unconditional love for our neighbors, and one of the central teachings of Christianity.

Why are we required to do service hours at Paraclete High School?

Paraclete, as a Catholic community, should be a witness to the larger community, the Antelope Valley, of the love of Christ. When we actively reach out to the world this way, we are representatives of Paraclete and the entire Christian church.

How do I find Christian Service opportunities?

Your parish or church is the best place to start. Most churches have their own outreaches to the poor, homeless, elderly, and children. This way you represent your church and your school at the same time. If you are not affiliated to a particular church, hospitals, convalescent homes, and other service agencies often need volunteers.

Then what?

In your religion classroom there is a binder with an individual sheet for each student, or an online document provided in Google Classroom. Fill it out completely for each project/group of hours and leave it in the binder. It will be checked each semester and you will be given credit on your report card.

How much service is required?

Two projects or 10 hours per semester are required for Freshmen and Sophomores. Three projects or 15 hours per semester are required for Juniors and Seniors. If you fulfill your hours you will receive a “Pass” on your semester report card. Failure to turn in any hours at the end of a semester will result in an “F” that will remain on your permanent transcript.

What qualifies as Christian service?

1. You may not be paid or reimbursed in any way for your time.
2. Service that can be considered a “family responsibility”, such as babysitting for a relative is not acceptable. Service that can be considered a “friendly favor” such as house or pet-sitting for a neighbor is also not acceptable.

As a guide, ask yourself the following questions:

Could the recipients of your service have afforded to pay you or someone else if they wanted to?

Was the service so easy that it didn't require any real sacrifice on your part?

Were you helping someone in real need or were you just making things more convenient for someone perfectly able, but not willing to help themselves?

If you have any questions see your religion teacher.

“Amen, I say to you, whatever you did for these least children of mine, you did it for me.” (Mt. 25:45)

DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

| | | | | | |
|----------------|--------------------------------------|---|---|---------------------------|---|
| ENGLISH | MATH (Algebra I or higher) | NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered) | ADDITIONAL (English, math, or natural/physical science) | SOCIAL SCIENCE | ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy) |
| 4 years | 3 years | 2 years | 1 year | 2 years | 4 years |

Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click [here](#) to visit the College Board's website.

| DIVISION I FULL QUALIFIER SLIDING SCALE | | | |
|--|----------|------------------------------|---------|
| Core GPA | New SAT* | Old SAT (Prior to 3/2016) | ACT Sum |
| 3.550 | 400 | 400 | 37 |
| 3.525 | 410 | 410 | 38 |
| 3.500 | 430 | 420 | 39 |
| 3.475 | 440 | 430 | 40 |
| 3.450 | 460 | 440 | 41 |
| 3.425 | 470 | 450 | 41 |
| 3.400 | 490 | 460 | 42 |
| 3.375 | 500 | 470 | 42 |
| 3.350 | 520 | 480 | 43 |
| 3.325 | 530 | 490 | 44 |
| 3.300 | 550 | 500 | 44 |
| 3.275 | 560 | 510 | 45 |
| 3.250 | 580 | 520 | 46 |
| 3.225 | 590 | 530 | 46 |
| 3.200 | 600 | 540 | 47 |
| 3.175 | 620 | 550 | 47 |
| 3.150 | 630 | 560 | 48 |
| 3.125 | 650 | 570 | 49 |
| 3.100 | 660 | 580 | 49 |
| 3.075 | 680 | 590 | 50 |
| 3.050 | 690 | 600 | 50 |
| 3.025 | 710 | 610 | 51 |
| 3.000 | 720 | 620 | 52 |
| 2.975 | 730 | 630 | 52 |
| 2.950 | 740 | 640 | 53 |
| 2.925 | 750 | 650 | 53 |
| 2.900 | 750 | 660 | 54 |
| 2.875 | 760 | 670 | 55 |
| 2.850 | 770 | 680 | 56 |
| 2.825 | 780 | 690 | 56 |
| 2.800 | 790 | 700 | 57 |
| 2.775 | 800 | 710 | 58 |

| DIVISION I FULL QUALIFIER SLIDING SCALE | | | |
|--|----------|------------------------------|---------|
| Core GPA | New SAT* | Old SAT (Prior to 3/2016) | ACT Sum |
| 2.750 | 810 | 720 | 59 |
| 2.725 | 820 | 730 | 60 |
| 2.700 | 830 | 740 | 61 |
| 2.675 | 840 | 750 | 61 |
| 2.650 | 850 | 760 | 62 |
| 2.625 | 860 | 770 | 63 |
| 2.600 | 860 | 780 | 64 |
| 2.575 | 870 | 790 | 65 |
| 2.550 | 880 | 800 | 66 |
| 2.525 | 890 | 810 | 67 |
| 2.500 | 900 | 820 | 68 |
| 2.475 | 910 | 830 | 69 |
| 2.450 | 920 | 840 | 70 |
| 2.425 | 930 | 850 | 70 |
| 2.400 | 940 | 860 | 71 |
| 2.375 | 950 | 870 | 72 |
| 2.350 | 960 | 880 | 73 |
| 2.325 | 970 | 890 | 74 |
| 2.300 | 980 | 900 | 75 |
| 2.299 | 990 | 910 | 76 |
| 2.275 | 990 | 910 | 76 |
| 2.250 | 1000 | 920 | 77 |
| 2.225 | 1010 | 930 | 78 |
| 2.200 | 1020 | 940 | 79 |
| 2.175 | 1030 | 950 | 80 |
| 2.150 | 1040 | 960 | 81 |
| 2.125 | 1050 | 970 | 82 |
| 2.100 | 1060 | 980 | 83 |
| 2.075 | 1070 | 990 | 84 |
| 2.050 | 1080 | 1000 | 85 |
| 2.025 | 1090 | 1010 | 86 |
| 2.000 | 1100 | 1020 | 86 |

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

| | | | | | |
|--|---|--|--|---|--|
| <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 5px;"> <p>ENGLISH</p> </div> <p>3 years</p> | <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 5px;"> <p>MATH (Algebra I or higher)</p> </div> <p>2 years</p> | <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 5px;"> <p>NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)</p> </div> <p>2 years</p> | <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 5px;"> <p>ADDITIONAL (English, math, or natural/physical science)</p> </div> <p>3 years</p> | <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 5px;"> <p>SOCIAL SCIENCE</p> </div> <p>2 years</p> | <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 5px;"> <p>ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)</p> </div> <p>4 years</p> |
|--|---|--|--|---|--|

Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click [here](#) to visit the College Board's website.

| DIVISION II FULL QUALIFIER SLIDING SCALE | | | |
|---|----------|------------------------------|------------|
| USE FOR DIVISION II BEGINNING AUGUST 2018 | | | |
| Core GPA | New SAT* | Old SAT (Prior to 3/2016) | ACT Sum |
| 3.300 & above | 400 | 400 | 37 |
| 3.275 | 410 | 410 | 38 |
| 3.250 | 430 | 420 | 39 |
| 3.225 | 440 | 430 | 40 |
| 3.200 | 460 | 440 | 41 |
| 3.175 | 470 | 450 | 41 |
| 3.150 | 490 | 460 | 42 |
| 3.125 | 500 | 470 | 42 |
| 3.100 | 520 | 480 | 43 |
| 3.075 | 530 | 490 | 44 |
| 3.050 | 550 | 500 | 44 |
| 3.025 | 560 | 510 | 45 |
| 3.000 | 580 | 520 | 46 |
| 2.975 | 590 | 530 | 46 |
| 2.950 | 600 | 540 | 47 |
| 2.925 | 620 | 550 | 47 |
| 2.900 | 630 | 560 | 48 |
| 2.875 | 650 | 570 | 49 |
| 2.850 | 660 | 580 | 49 |
| 2.825 | 680 | 590 | 50 |
| 2.800 | 690 | 600 | 50 |
| 2.775 | 710 | 610 | 51 |
| 2.750 | 720 | 620 | 52 |
| 2.725 | 730 | 630 | 52 |
| 2.700 | 740 | 640 | 53 |
| 2.675 | 750 | 650 | 53 |
| 2.650 | 750 | 660 | 54 |
| 2.625 | 760 | 670 | 55 |
| 2.600 | 770 | 680 | 56 |
| 2.575 | 780 | 690 | 56 |
| 2.550 | 790 | 700 | 57 |
| 2.525 | 800 | 710 | 58 |
| 2.500 | 810 | 720 | 59 |
| 2.475 | 820 | 730 | 60 |
| 2.450 | 830 | 740 | 61 |
| 2.425 | 840 | 750 | 61 |
| 2.400 | 850 | 760 | 62 |
| 2.375 | 860 | 770 | 63 |
| 2.350 | 860 | 780 | 64 |
| 2.325 | 870 | 790 | 65 |
| 2.300 | 880 | 800 | 66 |
| 2.275 | 890 | 810 | 67 |
| 2.250 | 900 | 820 | 68 |
| 2.225 | 910 | 830 | 69 |
| 2.200 | 920 | 840 & above | 70 & above |

| DIVISION II PARTIAL QUALIFIER SLIDING SCALE | | | |
|--|----------|------------------------------|------------|
| USE FOR DIVISION II BEGINNING AUGUST 2018 | | | |
| Core GPA | New SAT* | Old SAT (Prior to 3/2016) | ACT Sum |
| 3.050 & above | 400 | 400 | 37 |
| 3.025 | 410 | 410 | 38 |
| 3.000 | 430 | 420 | 39 |
| 2.975 | 440 | 430 | 40 |
| 2.950 | 460 | 440 | 41 |
| 2.925 | 470 | 450 | 41 |
| 2.900 | 490 | 460 | 42 |
| 2.875 | 500 | 470 | 42 |
| 2.850 | 520 | 480 | 43 |
| 2.825 | 530 | 490 | 44 |
| 2.800 | 550 | 500 | 44 |
| 2.775 | 560 | 510 | 45 |
| 2.750 | 580 | 520 | 46 |
| 2.725 | 590 | 530 | 46 |
| 2.700 | 600 | 540 | 47 |
| 2.675 | 620 | 550 | 47 |
| 2.650 | 630 | 560 | 48 |
| 2.625 | 650 | 570 | 49 |
| 2.600 | 660 | 580 | 49 |
| 2.575 | 680 | 590 | 50 |
| 2.550 | 690 | 600 | 50 |
| 2.525 | 710 | 610 | 51 |
| 2.500 | 720 | 620 | 52 |
| 2.475 | 730 | 630 | 52 |
| 2.450 | 740 | 640 | 53 |
| 2.425 | 750 | 650 | 53 |
| 2.400 | 750 | 660 | 54 |
| 2.375 | 760 | 670 | 55 |
| 2.350 | 770 | 680 | 56 |
| 2.325 | 780 | 690 | 56 |
| 2.300 | 790 | 700 | 57 |
| 2.275 | 800 | 710 | 58 |
| 2.250 | 810 | 720 | 59 |
| 2.225 | 820 | 730 | 60 |
| 2.200 | 830 | 740 | 61 |
| 2.175 | 840 | 750 | 61 |
| 2.150 | 850 | 760 | 62 |
| 2.125 | 860 | 770 | 63 |
| 2.100 | 860 | 780 | 64 |
| 2.075 | 870 | 790 | 65 |
| 2.050 | 880 | 800 | 66 |
| 2.025 | 890 | 810 | 67 |
| 2.000 | 900 | 820 & above | 68 & above |

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.

Graduation and College Entrance Requirements/ 2017-2018

| HIGH SCHOOL SUBJECT AREA | CALIFORNIA STATE MANDATE 2000 | UNIVERSITY OF CALIFORNIA | CALIFORNIA STATE UNIVERSITY | NCAA DIVISION II | NCAA DIVISION I | ARCHDIOCESAN REQUIREMENTS | PARACLETE |
|----------------------------|--|---|---|--|--|---|--|
| ENGLISH | 3 YEARS | 4 YEARS MAXIMUM OF 1 YR. IN 9 TH GRADE | 4 YEARS | 3 YEARS | 4 YEARS | 4 YEARS | 4 YEARS |
| MATHEMATICS | 2 YEARS (must include Alg. 1) | 3 YEARS (4 YEARS RECOMMENDED) | 3 YEARS Algebra I, Geometry, Algebra II | 2 YEARS Algebra I, or higher | 3 YEARS Algebra I, Geometry, Algebra II Elective Credit | 2 YEARS | 3 YEARS |
| FOREIGN LANGUAGE | 1 YEAR OR 1 YEAR FINE ARTS | 2 YEARS (3 Years Recommended) | 2 YEARS (Of the same Language) | | | 2 YEARS (EXCEPTIONS ALLOWED) | 2 YEARS |
| SOCIAL SCIENCE | 3 YEARS U.S. History & Geography; World History & Cultures; 1 sem. Govt., 1 sem. Econ. | 1 Yr. Of U.S. Hist. or 1/2yr. of U.S. Hist. & 1/2 yr. Civics or Am Gov. and 1 yr W. Hist., Cultures or Geography. | 2 YEARS (Including 1 yr. Of U.S. Hist. or 1/2 year of U.S. Hist. And 1/2 year of U.S. Government/ Civics and 1 year of W. Hist., Cultures or Geography) | 2 YEARS | 2 YEARS | 1 Yr. U.S. HIST. 1/2 Yr. U.S. GOV. 1 1/2 Yr. Electives including World History/Cultures & Economics | 1 Yr. U.S. History 1 Yr. Government/ Economics 1 Yr. World History |
| SCIENCE | 2 YEARS Including Physical & Biological Sciences | 2 Years Lab Science Biology, Chemistry, Physics) | 2 Years Lab Science Biology, Chemistry, Physics, Physical Science | 2 YEARS Natural/Physical Science, 1 with Lab if offered by school | 2 YEARS Natural/Physical Science | 2 YEARS Including Physical and Biological Sciences | 2 YEARS |
| VISUAL AND PERFORMING ARTS | | 1 YEAR (Dance, Drama, Music or Visual Arts) | 1 YEAR | | | 1/2 YEAR | 1 YEAR |
| PHYSICAL EDUCATION | 2 YEARS | | | | | 1 YEAR | 1/2 YEAR |
| COMPUTER LITERACY | | | | | | 1/2 YEAR | 1/2 YEAR |
| RELIGION | | | | | | 4 YEARS | 4 YEARS |
| HEALTH EDUCATION | REQUIRED | | | | | REQUIRED | REQUIRED 1/2 YEAR |
| ELECTIVES | | 1 Yr. College Prep. | 1 Yr. College Prep. | 4Yr. (Additional from above or foreign language or non-doctrinal religion/ philosophy) 3 years additional English, Math or Natural/ Physical Science | 4 YEARS See NCAA eligibility center or PHS website | | 8 Semesters of Electives |
| TESTING | | SAT or ACT w/writing. | SAT or ACT | SAT or ACT | SAT or ACT | | |