



**SAINT
FRANCIS**
A Holy Cross High School

FRESHMAN COURSE BULLETIN

GRADUATION OUTCOMES

The Saint Francis graduate embodies the Holy Cross charism and is expected to be

- I. A person of faith who imparts Holy Cross values in the Catholic tradition by
 - * Demonstrating a basic understanding of the life and teaching of Jesus Christ and the essential doctrines and practices of the Catholic Church.
 - * Recognizing and respecting the dignity of the human person, and responding to the call to love and serve in the tradition of Catholic moral and social teaching.
 - * Serving the community particularly by reaching out to those most in need.
 - * Participating in and embracing our faith-filled community.

- II. An intrinsically motivated scholar who pursues lifelong learning by
 - * Thinking critically and creatively to solve problems and make decisions, both independently and as members of a team.
 - * Listening effectively, reading critically and using language precisely in speech and writing.
 - * Interpreting and evaluating complex information presented through various media.
 - * Utilizing and adapting technology resources productively and responsibly.

- III. An engaged individual who demonstrates personal and social responsibility by
 - * Understanding the rights and responsibilities of a local, national and global citizen.
 - * Demonstrating critical interpersonal skills of clear communication and meaningful collaboration.
 - * Becoming self-directed, resilient individuals who are able to set goals to maintain physical and emotional well-being.
 - * Exploring new and diverse opportunities and embracing the call to lead.

Saint Francis High School is committed to life-long learning, a vision that we share with our parents and students. As a community of teachers and learners, we share the responsibility to encourage the advancement of our Intended Student Outcomes.

CURRICULUM DESIGN

Graduation Requirements

In order to graduate from Saint Francis High School, a student must successfully complete a minimum of 240 semester credits of course work. Included within credits completed satisfactorily are the following course requirements:

Religious Studies	40 semester credits *
English	40 semester credits **
Social Studies	30 semester credits ***
Mathematics	30 semester credits
Science	30 semester credits #
Foreign Language	20 semester credits
Physical Education	10 semester credits
Visual and Performing Arts	10 semester credits
Ethnic Studies	10 semester credits
Electives	30 semester credits
Community Service	50 hours

* Or five semester credits for each semester in attendance.

** In a curriculum which specifically includes literature, oral and written composition.

*** including World History and Geography or AP World History, US History, Government, and Economics

Including Biology and a physical science

Traditional Four-Year Academic Plan

FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
English	English	English	English
Math	Math	Math	Math/Selective**
Religion 1	World History or AP World History	U.S. History	Government/Economics
Biology	Hebrew Scripture/New Testament	Moral Issues/Social Justice	Christian Vocations/Religion Selective*
World Language	World Language	World Language/ Elective**	World Language/ Elective**
Health and Fitness	Science	Science	Science/Elective**
VPA, English Elective or Study Hall	Elective** or Study Hall	Elective*** or Study Hall	Elective** or Study Hall

- *Selective refers to a choice of courses in a specific subject area.
- A year of Fine Arts (Elective) is a graduation requirement.
- Students must complete 50 hours of community service to satisfy the graduation requirement.
- **There is a 30 unit Elective requirement. These courses can be chosen from a number of elective courses in the different departments. After a student has fulfilled the number of courses required for graduation in a department, the ensuing classes are considered elective.

Daily Bell Schedule: Saint Francis has a rotating block schedule with a collaboration built into the gold day schedule. There are other daily schedules which allow for school-wide activities and you can access that with the link below. While we are in discussion about the placement of Freshman Advisory in the daily schedule, this would represent typical freshman two day period is below:

Brown Day	Gold Day
Student Collaboration 7:45 - 8:00	Faculty Collaboration 7:45 - 8:15
Period 1 8:05 - 9:25	Student Collaboration 8:15 - 9:15 Mandatory Freshman Advisory - Each Gold 2 Day 8:55 - 9:15
Break 9:25 - 9:35	Period 2 9:20 - 10:40
Period 3 9:35 - 10:55	Lunch 11:00 - 11:40
Lunch 11:00 - 11:40	Period 4 11:45 - 1:05
Period 5 11:45 - 1:05	Period 6 1:10 - 2:30
Period 7 1:10 - 2:30	

Every freshman will participate in *SFThrive* Advisory. *SFThrive* Advisory is part of the Social-Emotional Learning (SEL) program at Saint Francis. SEL is comprised of several key competencies that relate to students' relationships with themselves, those around them, and the broader community. All freshman students are required to attend advisory every Gold 2 day from 8:55 to 9:15 (subject to time change). Attendance will be taken at the beginning of each advisory period. The advisory period will provide instruction in the SEL competencies and opportunities to learn about, develop, and practice foundational social-emotional skills. Development of SEL skills has been shown to lead to a number of positive outcomes, including higher resilience, increased empathy, better peer and adult relationships, and better coping skills. Advanced demonstration of the SEL skills will indicate students' eventual mastery of the core social-emotional competencies.

For complete schedule click here: [Bell Schedule](#)

Community Service Program

The Saint Francis High School Community Service Program is a four year graduation requirement. Freshmen are responsible for a minimum of 15 hours, sophomores for 10 hours, juniors for 15 hours, and seniors for 10 hours of service. These hours are to be completed by the due date. Students who have not completed their hours will not be allowed to return to Saint Francis or graduate. Students may complete service hours during the summer prior to their academic year (e.g. a sophomore may complete service hours in the summer before beginning his/her junior year).

Honors and Accelerated Program

Saint Francis High School offers a four year program in honors classes designed to challenge those students who have demonstrated a firm foundation in basic skill areas and who have shown interest and ability in various subject areas. Honors classes and Advanced Placement classes receive an additional point for the weighted grade point average.

In the freshman and sophomore years, the program consists of honors courses in English, algebra, geometry, advanced algebra 2, and biology. AP World History is offered to sophomore students. In the junior and senior years, the program consists of honors classes which fulfill the University of California criteria for honors in English, government, United States history, psychology, economics, French, Spanish, Chinese, chemistry, physics, biology, environmental science, computer science, precalculus, statistics and calculus. Many of these upper level honors courses are Advanced Placement courses in which students can qualify for college credit.

A student desiring to take any of these courses can expect extensive reading and writing assignments and work with topics not dealt with in other courses at the same grade level. Abilities to read, express oneself orally and in writing, and to complete mathematics computations are assumed. Many of these courses require the student and parent/guardian to complete a signed contract. These contracts explain the academic penalty which results if a student drops the class after the first semester. Students will be prepared to take the AP exams given in May (at a cost to the student). Sophomore and junior students are required to take the exams. Seniors may choose to take the tests. Seniors who do not take the AP exam will have to take the Semester 2 final exam for the course (unless the student meets the A- exemption) and may be subject to the College Board AP cancellation fee.

College Preparatory Program

The school's College Preparatory Program is a traditional college preparatory program intended to prepare a student for admission into the University of California system, the California State University system and most private universities. The course of study recommended in the program includes four years of religious studies, four years of college preparatory English, three years of the same foreign language, three years of mathematics, three years of social studies, three years of college preparatory science, and electives for enrichment and enhancement of a student's educational preparation.

Academic Assistance Courses

The Academic Assistance Program consists of a one year course which meets daily to complete the Algebra I requirement. Additionally, a reading/resource lab course is offered for students. There are additional resource courses for sophomores, juniors, and seniors for which a student can be recommended.

Some students will be given the opportunity to participate in these courses if the student, parent, and counselor believe that the student could benefit from a math or English support class. Other students will be required to take both courses as a prerequisite of their acceptance as students at Saint Francis High School.

Elective Program

Saint Francis High School offers a variety of electives designed to help enhance a student's educational background and to provide a broad educational experience in a variety of areas of interest. Students are encouraged to take electives to develop their talents in business and technology, journalism, physical education, psychology, speech, and advanced studies in subject areas. In the scheduling process, priority for placement in elective courses is based on year in school (seniors receive top priority).

ACADEMIC REGULATIONS

SCHEDULING

Saint Francis High School reserves the right to modify all courses listed in this Course Bulletin and to withdraw courses for which too few students register.

The prerequisites for courses listed in this document are exactly as written. Students who do not meet all prerequisites requirements (for those courses that require prerequisites) may not request the course in question.

All math placement will be done by the Math Department Chair. A student taking a qualifying exam will be placed in the course where he/she will be most successful.

Freshman students will fill out the course request form and submit it with the deposit. It is very important to choose and rank the elective choices. **While we will always try to honor a first choice request, it isn't always possible as a master schedule is built.** Core courses are a top priority; elective courses are a low priority. In the case of elective placement, priority will be given based on class (seniors have highest priority).

Students will receive the placement results in May.

ACADEMIC COURSE DROP POLICY

Once a student is enrolled in a course, he/she is enrolled for the duration of the course. All students are given a period at the beginning of the year (three days) for dropping any course. Dropping the course will result in a free or study hall period. All course changes must be approved by the student's counselor, the Director of Guidance & Counseling and the Director of Academics. **This drop policy does not apply to contract courses.**

Exceptions to the drop policy can occur only at the first 6-week marking period of each course (year-long/semester-long) and ONLY in the following situations. Any change made after the scheduled drop time period will be reflected on the transcript with a "WP" (withdraw pass) or "WF" (withdraw fail). No classes will be changed or dropped after 6 weeks.

A. STUDENTS REQUESTING A LEVEL CHANGE TO A PARALLEL COURSE:

Students who are receiving a "D" or lower grade in a course of multiple levels and are recommended for a level change by the classroom teacher may request a **level change** to a **parallel course** during the first 6-week marking period. The progress grade from the original class will be transferred to the new class. The semester grade will be the cumulative grade at the end of the semester.

B. STUDENTS REQUESTING TO DROP A COURSE:

Students who earn a "D" or lower grade in a course may request to drop the course **at the end of the first 6-week marking period**. A student who is approved to drop the course will have a withdrawal grade recorded on his/her transcript and will be enrolled as an office assistant, if space permits. If not, the student's schedule will be changed to accommodate the drop for a free period.

Students who earn a first semester grade of "D" or lower in a year-long course may request to drop the second semester of the course **at the end of the first semester**. In a course with multiple levels the student may transfer enrollment to the appropriate level, as determined by the department chair. If the student drops the course entirely, he/she will be enrolled as an office assistant, if space permits. If not, the student's schedule will be changed to accommodate the drop and the assignment of a free period.

In all other cases, course change requests for both Semester 1 and Semester 2 may not be made after the scheduled drop period in August. This policy does not apply to contract courses.

EXAMINATIONS

Major examinations or projects are given at the end of each semester and are 15% of the semester grade. The final exams must be taken at the time designated by the school. Under no circumstances may a final exam be taken early. Final grades are based on the final examination and class work, quizzes, assignments, projects and other required work for a course.

COURSE LOAD

Each student is required to take six courses each semester. The maximum course load per semester is seven classes. Seniors may petition to take five academic classes if they have valid reason and present a signed parental consent form.

SUMMER SCHOOL

Courses taken during summer school may **NOT** be taken in lieu of courses offered at Saint Francis High School, nor may such courses be taken for the purpose of skipping levels (i.e. math or foreign language).

Only summer work taken after matriculation at Saint Francis High School will be included on the transcript. No class from the summer prior to 9th grade will be placed on the transcript.

COLLEGE ENTRANCE REQUIREMENTS

Saint Francis High School is fully accredited by the Western Association of Schools and Colleges and the Western Catholic Education Association. This means that credits earned at Saint Francis High School are acceptable for admissions purposes at any college or university in the United States. However, a diploma from Saint Francis High School does not automatically guarantee admission to any college or university. Acceptance depends upon many things: whether or not a student meets basic entrance requirements in the subjects taken in high school, the level of scholastic achievement, or SAT or ACT scores; whether or not a student meets requirements regarding participation in school activities and personal character; and whether or not a student has met filing and application deadlines.

In order to be accepted into the college of his or her choice, it is important that a student begin planning early in order to be sure to meet all subject requirements and participation requirements. The following pages outline course requirements for a variety of types of colleges and universities. A student desiring to attend a particular college, however, should examine the admission requirements of that school and seek advice from teachers, parents and guidance counselors before the senior year.

CHOOSING A PROGRAM OF STUDIES

When preparing a program of high school study, students should examine their goals and expectations and design a course of study that will best help them to achieve their goals. The following questions should be considered in order to make the appropriate decision about course study:

1. Are academic goals realistic, considering past work and ability?
2. Do standardized test scores indicate that the student's ability and the difficulty level of the course are appropriately matched?
3. Do the courses taken fulfill prerequisites for advanced courses in the subject?
4. Will the courses taken fulfill high school graduation requirements?
5. Does the academic program meet the basic requirements for entrance to the chosen college (University of California, California State University, private, junior college)?
6. Will the student be able to dedicate the necessary time to be successful in the chosen schedule based on his/her extracurricular commitments?

MEETING COLLEGE REQUIREMENTS

There are three types of institutions of higher learning that a student may choose to attend upon graduation from Saint Francis High School: two-year junior colleges, four-year private institutions, or four-year public institutions.

The only requirement for admission to California Community Colleges is that an applicant possesses a valid high school diploma or a Certificate of Proficiency, or that an applicant has reached the age of 18. No tests are required for admission although tests may be required for proper placement in English, mathematics, science or foreign language. A transcript of all high school work is required.

Admission requirements for private institutions can be found in the catalog on the particular college website. The admission requirements for public four-year institutions in California are listed on the following pages.

CALIFORNIA PUBLIC COLLEGE ENTRANCE REQUIREMENTS

UC/CSU SUBJECT REQUIREMENTS

HISTORY (World Hist., US Hist., American Government)	2 YRS.
ENGLISH	4 YRS.
MATH* (Alg1, Geom, Int. Alg/Alg 2)	3 YRS.
SCIENCE (Lab Science)	2 YRS.
FOREIGN LANGUAGE (same language)	2 YRS.
VISUAL/PERFORMING ARTS	1 YR.
g. ELECTIVES (Chosen from the areas of history, English, advanced math, lab science, social science, fine arts, foreign language)	1 YR.

All required courses must be completed with grades of "C" or higher; "B" or better grades are very important for admission.

Both the UC and CSU systems assign extra points for up to four units (8 semester grades of AP or Honors courses: A = 5 pts; B = 4 pts; C = 3 pts; D grades are not included in these calculations and receive one point only. SFHS courses include: AP US History, AP Government, AP World History, AP Psychology, AP Macroeconomics, AP English Language, AP English Literature, AP French 4, French 5 Honors, AP Spanish 4/5, AP Chinese, Chemistry-H, Physics-H, AP Biology, AP Environmental Science, AP Chemistry, AP Physics, AP Statistics, AP Calculus-AB/BC, Precalculus-H, AP Computer Programming, AP Music Theory and AP Studio Art.

*Math must include a year of geometry or Integrated Math II.

PLEASE NOTE: Electives listed in the catalogue of courses which meet UC/CSU admissions requirements will be noted "UC" and/or "CSU" under prerequisites/comments for the course

SF COURSES THAT MEET UC/CSU "a-g" ADMISSIONS REQUIREMENTS

“a” – HISTORY: 2 years

World History & Geography
US History
AP US History
US Government
AP US Government
AP European History
AP World History

“b” – ENGLISH: 4 years

English 1, 1-H, 2, 2-H,
AP English Language
British Literature/Expository Writing
AP English Literature
All Senior English selectives*
Irish Literature, Short Story

“c” – MATHEMATICS: 3 years

Algebra 1, 1-H, 1A/B
Geometry, Geo-H, Des Geom
Intermediate Algebra
Algebra 2
Advanced Algebra/Trig H
Precalculus, Precalculus-H
Statistics
Calculus
AP Statistics
AP Calculus AB, AP Calculus BC
Ordinary Differential Equations

“d” – LABORATORY SCIENCE: 2 years

Biology, Biology H
Chemistry, Chemistry-H
Chemistry in the Community
Conceptual Physics
Engineer Your World
Exercise Science & Sports Medicine
Physics, Physics-H
Marine Biology
AP Biology
AP Chemistry
AP Physics
AP Environmental Science
Environmental Science

“e” – FOREIGN LANGUAGE: 2 years (same language)

French 1-4 ; 4AP, 5 H
Spanish 1-4, 3H, 4 AP, 5 AP,
Mandarin Chinese 1, 2, 3, 4, 4AP

American Sign Language 1, 2, 3

“f” – VISUAL/PERFORMING ARTS: 1 year

Basic Design and Drawing (Intro)
Art and Cultures of the World (Intro)
Video Production (Intro)
Graphic Arts (Intro)
Dance 1 (Intro)
Drama 1 (Intro)
Guitar (Intro)
Concert Band (Intro)
Digital Music (Intro)
String Ensemble (Intro)
Treble Choir (Intro)
Percussion Ensemble (Intro)
Adv. Digital Photography (adv)
Advanced Studio Art
Digital 2D Animation; Advanced Digital Animation
Drawing 2* (adv), Printmaking*(adv)
Painting 1*, 2* (adv)
3-D Design: Ceramics 1*(adv), Ceramics 2* (adv)
Symphonic Band 2,3,4,5 (adv)
A Cappella Choir * (adv)
Choir 2 (adv)
Video Production II (adv)
Guitar II and III (adv)
Dance II (adv)
Drama 2, 3, 4* (adv)
AP Music Theory* (adv)
AP Art (adv)

“g” – ELECTIVES: 1 year

Speech 1*
Journalism 1*,
Argumentation and Debate*
Biomedical Ethics*
Computer Programming
AP Computer Science Principles
AP Computer Programming
Contemporary American Issues*
Design Thinking for Justice*
Economics *
AP Macroeconomics*
Entrepreneurship*
Facing History*
History and Politics of the Olympics*

Psychology 1*, 2*,
AP Psychology
Philosophy*, Social Justice*, World Religions*,
Racism, Faith and the American Church*, Spiritual
Ecology*

Creative Writing*
Case Studies in Human Rights*
Hebrew Scriptures*
Contemporary World Problems*
Case Studies in Africa & Asia*

Ethnic Studies*
History of Science*
Western Tragedy and African Hope*
Intro to Bioprinting Technology*
Designing Systems for Gender Equity
Hebrew Scriptures; New Testament
Science and Practice of Mindfulness
Independent Inquiry
Design Thinking

*indicates one semester course

THREE YEARS OF THE SAME LANGUAGE ARE NOT REQUIRED BUT ARE RECOMMENDED.

MATH MUST INCLUDE A YEAR OF GEOMETRY OR INTEGRATED MATH II.

Students seriously planning to attend a UC campus should work for a 3.5 or higher GPA. Some technical majors require 3.8 or higher. Only the above courses labeled AP or H will be assigned extra honors credit (A=5, B=4, C=3), with the exception of the following entry-level courses: English 1H, English 2H, Algebra 1H, Geometry H, Advanced Algebra/Trigonometry H, and Biology H.

DESIGN

702 BEGINNING COMPUTER PROGRAMMING

Full Year

Course Content: This course examines the fundamentals of computer science. Topics include fundamentals of programming, basic problem-solving techniques, simple graphical user interfaces and

algorithms, and general object-oriented software engineering using the Java programming language. This course guides students in exploring the fascinating world of computer programming through working on a variety of individual and team projects. This course fulfills the first year provision of a two-year preparation for the College Board's Advanced Placement Computer Science exam.

Prerequisites/Comments: This course assumes a good understanding of math concepts in Algebra 1 and at least a B average in high school level math classes. UC/CSU Area G

717 DESIGN THINKING

Full Year

Course Content: Design Thinking is a hands-on, project-based course, where the students become consultants for local charities/organizations in order to give back and be of service to those in need. Students learn design thinking and problem solving and apply the knowledge learned in the course to real world projects. The focus of the year will be on analyzing a problem, need or want of a specific charity/organization, and, in the end, offering a solution. Students will learn how to be inquisitive learners, critical thinker, self-directed problem solvers, team players, and professional communicators.

Prerequisites/Comments: UC/CSU Area G

ENGLISH

NOTE: Summer reading is required for all English literature courses. Reading lists will be available online at the end of May.

211 ENGLISH 1

Full Year

Course Content: This course provides the freshman student with a strong foundation in literature while emphasizing oral and written communication. Effective techniques for written composition will be stressed with an emphasis on writing fluency and the structure and style of the paragraph. Students will master the paragraph, including a thesis statement and the claim, lead-in, data, warrant paragraph format, leading to a multi-paragraph essay. The study of literature includes reading, discussing, and analyzing writing styles and literary techniques in classic mythology, dramas, and epics as well as contemporary novels. Vocabulary and grammar instruction are emphasized within the context of the writing and literature curriculum.

Prerequisites/Comments: 9th grade requirement. UC/CSU Area B

212 ENGLISH 1 HONORS

Full Year

Course Content: This course is designed for freshmen who have demonstrated in an entrance examination that they have superior understanding of English fundamentals. Besides covering most elements of the English 1 curriculum, this course will emphasize the theory and practice of analytical writing, oral communication, and creative responses to literature. Readings in the first semester will focus on the classical tradition, and readings in the second semester will be drawn from contemporary world literature. Students will read texts in various genres not only for comprehension of basic literary theories and terms, but also to stimulate ideas for multiple paragraph essays.

Prerequisites/Comments: Placement determined by qualifying exam.

210 ACADEMIC READING/RESOURCE LAB

Full Year

Course Content: This course is designed for freshmen who need additional academic support. Placement in the class is dependent upon grades in eighth grade coursework and entrance examination scores. Students work on reading skills, in addition to organizational, test-taking, and study skills. Homework mastery is emphasized.

Prerequisites/Comments: English 1 must be taken concurrently.

ELECTIVES:

204 SPEECH & RHETORIC 1

Semester

Course Content: Public speaking is an important component of academic, work and social life. This class is a practical course designed to offer the novice speaker opportunities to speak in front of large and small groups. Students will learn a variety of formats for public speaking and techniques for managing communication anxiety. In this class, students will practice different delivery styles and learn effective language, gestures and organization techniques. Students will learn how to plan, research, compose, practice and deliver different kinds of speeches (informative, persuasive, dramatic, monologue) and how to incorporate well-designed visual and multimedia aids in presentations. The final assessment will be a mock TED talk.

Prerequisites/Comments: Open to all grade levels; UC/CSU Area G

205 ARGUMENTATION AND DEBATE

Semester

Course Content: This course is a beginning debate class that stresses the fundamentals of research, argument development and oral presentation. This is a practical (and fun) class designed to help students in both their academic classes and the world of work. Students will learn to research and gather data, construct arguments and cases, present arguments and critique opposing arguments. Students will practice the most common forms of debate (policy, public forum, Lincoln Douglas) as with a secondary focus on public speaking skills. The final assessment will be a series of debates.

Prerequisites/Comments: This class is intended for beginners! 9th and 10th graders are encouraged. UC/CSU Area G

207 JOURNALISM 1

Semester

Course Content: This course allows students the opportunity to develop skills needed for 21st century journalism: creating content, using diverse media platforms, and discerning “newsworthiness,” empowering them to not only interpret the media they regularly consume, but produce their own engaging material. Additionally, students will learn interviewing techniques, journalistic writing styles, the basics of media law, and will participate in a number of individual and group projects. The course is helpful for students interested in working on the school newspaper and/or yearbook.

Prerequisites/Comments: The course is open to all grade levels; UC/CSU

HEALTH AND FITNESS

One year of Physical Education is required for graduation.

901	BOYS' HEALTH AND FITNESS	Year
902	GIRLS' HEALTH AND FITNESS	Year

Course Content: This course will develop and enhance the student's interpersonal and social skills through participation in a variety of sports and activities. Understanding and improving the individual's health related fitness components (cardiovascular endurance, flexibility, muscular strength and muscular endurance) will create the foundation for participation in various training method, exercises and skills. The basics of nutrition for general health will be studied as part of a curriculum designed to enhance the overall wellness of each student. In addition, societal, interpersonal, and behavioral issues facing students will be addressed and discussed.

Prerequisites/Comments: 9th grade requirements.

MATHEMATICS

All math placement will be determined by the department chair.

Students who have taken a full year of one or more of these courses should indicate that on the placement test information portion of the registration. The proper placement test will then be administered.

For the UC system, students must complete a year of geometry or Integrated Math II (these can be taken in middle school).

511	ALGEBRA 1	Full Year
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Course Content: The concepts needed for the further study of math are covered with the emphasis on problem solving. The student will develop the understanding of the real number system and perform the four basic operations on polynomial, rational, and radical expressions. The concepts of simplifying and evaluating mathematical expressions, determining the solutions to equations and inequalities, and the development of graphing are all used in the context of applications to real world situations. There will be constant emphasis on arithmetic skills and their applications.

Prerequisites/Comments: 9th Grade requirement, unless scheduled for an accelerated course. UC/CSU Area C

512	ALGEBRA 1 HONORS	Full Year
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Course Content: The student will develop an understanding of the real number system and be able to apply the four basic operations on polynomial, rational, and radical expressions. The steps leading to solutions of linear and quadratic equations and of inequalities are geared to problem solving. Graphing on the coordinate system will aid in the basic understanding of functions. There will be an emphasis on the solution of real world problems.

Prerequisites/Comments: Placement determined by qualifying exam. UC/CSU Area C

501/502	ALGEBRA 1-A / ALGEBRA 1-B	Full Year*
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Course Content: The concepts needed for the further study of math are covered with the emphasis on problem solving. The student will develop the understanding of the real number system and perform the four basic operations on polynomial, rational, and radical expressions. The concepts of simplifying and evaluating mathematical expressions, determining the solutions to equations and inequalities, and the development of graphing are all used in the context of applications to real world situations. There will be emphasis on reviewing basic arithmetic skills and the practical applications of algebra and arithmetic in everyday life. In the second semester, the course will concentrate on factoring, simplifying rational expressions, graphing in the coordinate plane, solving systems of equations, and identifying functions.

Prerequisites/Comments: 9th Grade requirement for students who need additional support in math. In order to better prepare these students for further math courses, this class will meet every day. *Enrollment in this course represents two courses for scheduling purposes. Placement in this class is based upon the math score on the Entrance Exam and math grades in the 7th and 8th grades. Recommendation from the 8th grade math teacher may be considered as well. UC/CSU Area C

521 GEOMETRY

Full Year

Course Content: Students will be presented units that develop an understanding of applications of the basic theorems, postulates and definitions of geometry. Using these basic concepts will enable the student to study congruent and similar figures, discover the properties of geometric figures (especially triangles and rectangles), perform geometric constructions, use the basic elements of coordinate geometry and trigonometry, develop the properties of measurement, and learn the principles of logical inference and proof.

Prerequisites/Comments: Minimum of a "C" in Algebra 1 or Algebra 1-H or an "A" and teacher recommendation in Algebra 1A/1B. Freshmen will be placed based on qualifying exam. UC/CSU Area C

522 GEOMETRY HONORS

Full Year

Course Content: Geometry is the study of figures and their properties. There is an emphasis on the study of congruent and similar figures, the properties of various figures (especially triangles and rectangles), the use of coordinate geometry, the methods of measurement, three-dimensional geometry, and an introduction to trigonometry.

Prerequisites/Comments: Minimum for both semesters of a "B" in Algebra 1-H or an "A" with teacher recommendation in Algebra I. Freshmen will be placed based on qualifying exam. UC/CSU Area C

531 ALGEBRA 2

Full Year

Course Content: In addition to both reinforcement and a more advanced study of the concepts studied in Algebra 1, this course develops the concepts of radicals, complex numbers, functions, including quadratic, exponential, logarithmic, and trigonometric, and the real-life applications of trigonometry.

Prerequisites/Comments: Minimum of a "C" in both Geometry and Algebra 1. Students enrolled in Descriptive Geometry must have an "A-" and teacher recommendation to take this course. UC/CSU Area C

532 ADVANCED ALGEBRA/TRIGONOMETRY HONORS

Full Year

Course Content: This course is a continuation of the material studied in Algebra 1. There is a review and further development of the structure of the real number system, the solving of equations and

inequalities, the manipulation of polynomial and fractional expressions, and graphing. This is followed by the study of radicals, complex numbers, quadratics, functions, analytic geometry, exponents, logarithms, and sequences. The last quarter of the year is devoted to the study of trigonometry from the point of view of circular functions.

Prerequisites/Comments: The following criteria will be used as qualification for the course: satisfactory achievement on the qualifying exam and previous math grades. A TI-83+, TI-84 Silver, or TI-89 graphing calculator is required for this course. UC/CSU

RELIGIOUS STUDIES

111 RELIGIOUS STUDIES 1: SACRED STORIES Full Year

Course Content: What is spirituality? What is religion? What does it mean to be a member of a Catholic, Holy Cross school in the 21st century? How can an understanding of religious truths in the Bible contribute to one's understanding of oneself, others, and society? This course will introduce the student to our Catholic, Holy Cross charism and the life and teachings of Jesus Christ. During the first semester a contextualized reading of selected stories from the Hebrew Scriptures will introduce students to the major themes of Creation, Covenant, Exodus, and Prophets. In the second semester students will explore the life, teachings, death, and resurrection of Jesus Christ, and their relevance today. Special emphasis will be placed on the critical interpretation and evaluation of cultural meanings within the Bible and within our society. The Christian Service reflection and the class service learning day are required in this course.

Prerequisites/Comments: 9th Grade requirement.

SCIENCE

621 BIOLOGY Full Year

Course Content: The basic concepts of biology are introduced: cell theory, genetics, evolution, the animal and plant kingdoms, ecology and behavior. These topics are presented by means of lectures, class discussions, and selected laboratory experiments. Audio-visual materials are used to enrich the classroom presentation.

Prerequisites/Comments: 9th grade standing. For continuation into chemistry/chemistry-honors during sophomore year, students will need to complete the math requirements for those courses. UC/CSU Area D

622 BIOLOGY HONORS Full Year

Course Content: The investigative approach is used to acquire the basic biological concepts and skills. Topics covered include cell chemistry and physiology, plant and animal morphology, evolutionary development, genetics, ecology, and behavior. The course addresses itself to the social consequences of our actions as we attempt to solve the biological problems we face. Lectures, discussions, laboratory work and films supplement the text

Prerequisites/Comments: 9th grade standing. **For freshman students, placement is dependent upon student placement in geometry or higher level math class. It is recommended that a student have**

strong reading and critical thinking skills to take this class. In past years a national score of 92% on the HSPT reading was required. Freshman students can request this class specifically, but will be placed in the class only if the math criteria is met. UC/CSU Area D

VISUAL & PERFORMING ARTS

810 DANCE 1 Full Year

Course Content: This is a course designed for all students, with or without previous formal dance technique training. Students will study a variety of dance genres including Ballet, Modern, Jazz and Character Dance. The class will focus on The Classical Ballet vocabulary and movement and use it as the building block to all other forms of dance. Students will have the opportunity to participate in the learning and performance of both individual and group dance works along with the creation of new choreography. Students will learn about the history of each dance style covered in class and some of the key persons that were involved in the creation of the style.

Prerequisites/Comments: None. UC/CSU Area F

811 DRAMA 1 Full Year

Course Content: This course is an introduction to the study of the evolution of theater including dramatic literature through the ages. Students will also experience the art of acting, emphasizing body movement, pantomime, voice projection, articulation, and characterization. Students will gain knowledge of the various aspects of theater through continual researching, reading, writing, performing, observing, oral evaluation, and actual "hands on" experience. An in-depth study of various theatrical styles is included during the second semester.

Prerequisites/Comments: None. UC/CSU Area F

812 BASIC DESIGN/DRAWING 1 Full Year

Course Content: This course introduces the student to the basic elements of design and drawing. During the first semester, students investigate line, value, shape, texture, color and composition. The principles of art are introduced through projects in composition, design and critiques. The study of specific artists and periods in art history will illustrate the basic concepts that are learned. During the second semester, the course investigates methods of drawing and composition. Students draw from life and photographed visual resources. Contour, perspective, gesture and expressionist drawing are some areas that are explored along with a review of the elements and principles of design. Experience in charcoal, pastel, pencil, pen and ink, watercolor and many other media are featured. Supplemental art history will accompany art projects. No previous art experience necessary.

Prerequisites/Comments: None. UC/CSU Area F

813 GRAPHIC ARTS/COMPUTER GRAPHICS Full Year

Course Content: This course will explore the field of graphic arts. Students will cover the elements of art (color, line, value, texture, shape, form and space) and the principles of art (balance, emphasis, harmony, variety, gradation, movement, rhythm and proportion). These are the foundations used in establishing knowledge, confidence and understanding of all fields of art. Student projects will cover art fundamentals, color theory, still life compositions using basic digital photography, digital video and

sound, and web page design. This course will teach the necessary skills of computer operations and terminology to allow the students to use their artistic abilities, with the aid of the computer, in both the educational and business worlds. No previous art experience necessary.

Prerequisites/Comments: None. This course will not meet the prerequisite for Drawing 2. To take Drawing 2 a student would have to take a challenge exam. UC/CSU Area F

820 DIGITAL VIDEO PRODUCTION 1

Full Year

Course Content: In this full-year course the students will be exposed to the historical and basic elements of film and video making. This will include viewing and analysis of different genres and current works as a way to explore and understand how video/media technology has evolved and the impact it has had on culture and world events. Students will also study the impact of digital video on our society from a social, economic, and political viewpoints. Students will convey creative expression and develop ideas individually or within a group, compose an outline/proposal, and write a script from the outline. "Preproduction" will include planning, scripting, storyboarding and the organizing of talent and all aspects of the upcoming shoot. In "production" students will work with the talent and direct the coordination of the production crews, camera men, lighting, sound, etc. In "post-production", the students will learn to edit and finalize their work to be presented in multiple formats. Students will have the opportunity to be involved in the performance task of creating a live TV studio broadcast. Students will learn to collaborate and manage the TV studio shooting space and production booth, and will understand all of the equipment that is used in order to accomplish the task. Students will collaborate with each other and demonstrate the ability to coordinate all responsibilities to successfully produce a live broadcast that will disseminate important school information to the entire campus.

Prerequisites/Comments: None. UC/CSU Area F

808 DIGITAL MUSIC

Full Year

Course Content: Students will learn the principles and techniques of basic acoustics, digital audio, MIDI, sequencing, notation software, and sound design, as well as basic music theory, in order to create electro-acoustic music compositions. Students will learn how to work with hardware and software instruments, mixers, and recording equipment, and will experiment with studio production methods. The course will include independent and collaborative projects, culminating in an electronic music concert at the end of the year.

Prerequisites/Comments: None. Course offering dependent upon enrollment and classroom availability. UC/CSU Area F

816 CONCERT BAND 1

Full Year

Course Content: Class instruction will emphasize improving sight-reading skills, study of music theory and music history, improving instrumental skills through technical training and exploring concert band literature. This group will perform independently at school concerts and band festivals. Concert Band will join with both Symphonic Band for marching season. During the months of September through November the group will rehearse on Wednesdays from 6-8:30 PM as part of the Marching Band.

Prerequisites/Comments: At least one year of music lessons and/or band experience. Course fee required. UC/CSU Area F

818 TREBLE CHOIR

Full Year

Course Content: In this course in choral singing, students learn and perform a wide variety of choral literature, both sacred and secular. Included in the course objectives are learning proper techniques for singing, learning rhythm and sight-reading, and understanding a vocal musical score and the musical terminology needed to properly interpret dynamics and style. As this is a performance-based course, students will be evaluated on their participation, effort and attitude in class. Public performance of the works being rehearsed will include performance at the Winter and Spring music concerts, as well as other opportunities such as participating at all-school liturgies and music festivals.

Prerequisites/Comments: Course fee required. UC/CSU Area F

819 INTRODUCTION TO STRING ENSEMBLE

Full Year

Course Content: This course is designed for students to explore music through the study and playing of music designed for string orchestra. Focus on basic musical elements, (notation, rhythm, meter harmony etc,) as described in the National Standards of Music Education will be used in order to enhance the performance of small and large groups. Particular emphasis will be on playing within an ensemble while gaining historical and theoretical knowledge. Students will use their acquired skills in large group performances.

Prerequisites/Comments: Open to students (9-12) who have the background in a string instrument to be able to participate in instrumental music activities. UC/CSU Area F

WORLD LANGUAGE

Two years of the same language are required for graduation.

311 FRENCH 1

Full Year

Course Content: This course is designed to help the student develop the four language skills of listening, speaking, reading, and writing. Basic concepts of French grammar and syntax are reinforced through a variety of exercises including audio-visual devices such as films, songs, recordings, pictures and language games. Emphasis is placed on oral proficiency, pronunciation and rhythm using everyday situations to make this first year a realistic learning experience. Culture projects will bring insights into French speaking traditions.

Prerequisites/Comments: None UC/CSU Area E.

321 FRENCH 2

Full Year

Course Content: This course is designed to continue the basic grammatical concepts of the French language learned in the first year. The cultural focus of the course is on basic French institutions and ordinary aspects of life in France and the French-speaking world. The course is organized in short segments of vocabulary, pronunciation, video, grammar and culture to help students acquire skills quickly. It strives to develop the four language skills: listening, speaking, reading, and writing.

Prerequisites/Comments: UC/CSU Area E

331 FRENCH 3

Full Year

Course Content: This course reviews and builds upon the grammatical concepts learned in French 2. The course focuses on the development of reading and oral skills and on independent writing. Special emphasis is placed on conversation through the use of a variety of vocabulary and grammatical acquisition. The cultural focus this year is on contemporary French-speaking life and society. French is the primary language of instruction in this class.

Prerequisites/Comments: UC/CSU Area E

312 SPANISH 1

Full Year

Course Content: This course is designed to help the student develop the four language skills of listening, speaking, reading, and writing. Emphasis is placed on oral proficiency, pronunciation and rhythm using everyday situations and conversations. In addition to the vocabulary presented in the text, commonly used idioms and basic vocabulary will be supplemented. Beginning readings in Spanish will be augmented by insights into Spanish culture and traditions. Basic concepts of Spanish grammar and syntax are introduced and reinforced through a wide variety of written and oral exercises.

Prerequisites/Comments: Summer school introduction to Spanish enrichment course recommended. UC/CSU Area E

322 SPANISH 2

Full Year

Course Content: This course is a continuation of course work covered in Spanish 1. Students complete a thorough study of Spanish language, grammar and syntax. Knowledge of cultural backgrounds and customs of the various Spanish-speaking communities is reinforced with supplemental materials. Emphasis is placed on all four language skills: listening, speaking, reading, and writing. Students internalize the main grammar tenses in Spanish in order to be able to communicate in written and oral forms. Students begin reading short cultural articles in the target language.

Prerequisites/Comments: UC/CSU Area E

332 SPANISH 3

Full Year

Course Content: The text, accompanying workbook, supplementary reader, and a Spanish/English dictionary are required. Language and literature selections from Spain and Latin America are incorporated into the study of Spanish at this level. The addition of new grammatical points, grammar reviews, literature, and cultures are combined. The major emphasis at this level will be on the acquisition of new vocabulary and increasing conversational skills. All four language skills (reading, writing, listening, and speaking) are emphasized daily. Spanish is the primary language of instruction in this class.

Prerequisites/Comments: UC/CSU Area E

313 CHINESE 1

Full Year

Course Content: Chinese 1 introduces students to the four basic skills of listening, speaking, reading and writing in Mandarin Chinese. The students will also be introduced to the customs and life of the modern Chinese. Emphasis is placed on developing accurate pronunciation using everyday situations and conversations, and reading and writing Chinese characters. Cultural activities are arranged to provide each student with opportunities to enhance language and cultural learning.

Prerequisites/Comments: UC/CSU Area E

323 CHINESE 2

Full Year

Course Content: This course is a continuation of the first year of Chinese including further acquisition of an additional 200 characters and phrases, training in the skills of reading, writing, and speaking official Chinese. This class further develops the Chinese language and cultural understanding through regular practice in class and homework. The students will learn to express themselves using more sophisticated language structures. Major themes for the second year Chinese are making appointments, studying languages, school life, shopping, talking about the weather, and transportation. The pinyin and traditional Chinese characters will be taught. The four-tone system in Chinese pronunciation will be required. The students will have to write in simplified style Chinese characters for quizzes and exams. Cooperative group learning is highly emphasized.

Prerequisites/Comments: UC/CSU Area E

333 CHINESE 3

Full Year

Course Content: This course is a continuation of the second year of Chinese including further acquisition of additional characters and phrases, and training in the skills of reading, writing, and speaking official Chinese. This class further develops the Chinese language and cultural understanding through regular practice in class and homework. The students will learn to express themselves using more sophisticated language structures. Major themes for this course are talking about the weather, dining, travel and directions, visiting a doctor, renting an apartment, dating and sports. This course will prepare the students to take the SAT Subject Test in Chinese.

Prerequisites/Comments: UC/CSU Area E