



# COURSE CATALOG

## 2021-2022

|                            |                     |
|----------------------------|---------------------|
| MAIN OFFICE                | 714-774-7575 x 1110 |
| ADMISSIONS OFFICE          | 714-774-7575 x 1170 |
| ACADEMIC COUNSELING OFFICE | 714-774-7575 x 1134 |
| ATHLETIC OFFICE            | 714-774-7575 x 1119 |
| SCHOOL FAX                 | 714-774-1404        |
| ACADEMIC COUNSELING FAX    | 714-778-1668        |

**Note:**

*Servite High School reserves the right to change or modify policies, regulations, curricula, courses, tuition and fees, or any other aspect of the programs described in this catalog at any time.*

*Not all courses listed in this catalog will be available every school year. All courses are offered based solely on student request.*

*Catalog Effective Date: March 2021*

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# MISSION & PHILOSOPHY

## ***Urbi Et Orbi***

*Servite High School develops leaders through a formation process informed by the Catholic faith and the charism of the Order of Friar Servants of Mary.*

## ***Mission Statement***

Servite High School is a Catholic preparatory school which accepts young men of all religious, ethnic and socioeconomic backgrounds. Recognizing that parents are the primary educators, we develop Faith-Filled leaders through an intentional and multidisciplinary Formation process founded upon the Catholic faith and the charism of the Order of Friar Servants of Mary (Servite Friars).

## ***Philosophy Statement***

*Progress becomes true progress only if it serves the human person and if the human person grows: not only in terms of his or her technical power, but also in his or her moral awareness. I believe that the real problem of our historical moment lies in the imbalance between the incredibly fast growth of our technical power and that of our moral capacity, which has not grown in proportion. That's why the formation of the human person is the true recipe, the key to it all, I would say, and this is what the Church proposes.*

*Benedict XVI, Interview, 2006*

At Servite High School, formation is the process by which a Friar becomes the person he has been called to be by God. The formation process is concerned with the complete human person and, consequently, is driven by a single question: "Who am I?" Without intentional, systematic formation, the Friar's human and spiritual development is without proper concern for the unique vocation that God has called him to fulfill.

In *The Catholic School*, the Sacred Congregation for Catholic Education (SCCE) reminds us that, "The school must begin from the principle that its educational program is intentionally directed to the growth of the whole person." An educational program directed in this way requires attention to the fundamental components within each student: the *body* and the *soul*. More specifically, the soul is comprised of the *intellect* and the *will*. Thus, "whole person" involves three principle components understood as follows:

- The *body* is the vehicle which gathers information from and responds to the world around us.
- The *intellect* organizes and interprets the information gathered.
- The *will* is the ability to choose how to use the gathered information.

Properly used, the *intellect* arranges the gathered information in such a way that truth is discovered. Once truth is discovered, one can choose to act in accordance with truth, or contrary to it. Goodness is choosing to act according to what we know is true and thus right. The *will* is our ability to make that choice.

Servite High School believes it is vital to place proportionate emphasis on the development of the *body, intellect* and *will*. An imbalance in this regard results in information being inadequately gathered, poorly processed, or improperly applied. Therefore, in an effort to direct the formation of the whole Friar in a balanced, intentional and systematic way, Servite High School has developed a formation process that culminates in leadership. Within the context of formation, teaching is not limited to the classroom experience. All members of the faculty and staff play an active role as teachers and guides in the formation of every student. The importance of each member's active and proper participation cannot be overstated. As the SCCE reminds us in *The Catholic School on the Verge of the Third Millennium*:

“Teaching has an extraordinary moral depth and is one of man's most excellent and creative activities, for the teacher does not write on inanimate material, but on the very spirits of human beings. The personal relations between the teacher and the students, therefore, assume an enormous importance and are not limited simply to giving and taking. Moreover, we must remember that teachers and educators fulfill a specific Christian vocation and share an equally specific participation in the mission of the Church, to the extent that it depends chiefly on them whether the Catholic school achieves its purpose.”

Thus, every component of the school experience provides a unique and vital element in each student's formation. The whole Friar is formed and affected by every activity and relationship that comprises his unique Servite experience.

Bearing all of this in mind, Servite High School forms faith-filled leaders, Friars who embrace Christ, love Christ, imitate Christ, live Christ, and be Christ, so as to draw others to Christ

# INTEGRAL STUDENT OUTCOMES

## **SPIRITUAL AND ETHICAL FORMATION**

A Servite High School graduate is a leader who, through a deliberate process of formation:

- Develops his body, intellect and will through participation in a college preparatory curriculum, liturgical and service experiences, and team based activities.
- Accepts religious, ethnic and cultural diversity and works collaboratively with others in accordance with Catholic social teaching.
- Acknowledges his relationship with God and lives in a Christ-like manner as demonstrated through participation in prayer, liturgy, sacraments, counsel, retreat experiences and Christian service.
- Understands, respects and applies the teachings of the Catholic Church and the charism of the Order of Friar Servants of Mary (fraternity, service and Devotion to Mary).
- Knows and lives the Gospel of Jesus Christ and recognizes that God calls every person into a relationship with God, the Father, the Son and the Holy Spirit.
- Demonstrates, in word and deed, the Centrality of Christ.

## **ACADEMIC AND INTELLECTUAL FORMATION**

A Servite High School graduate is a leader who, through a deliberate process of formation:

- Develops a lifelong desire for learning that culminates in wisdom.
- Demonstrates mastery of the academic curriculum in order to succeed in post-secondary education.
- Exhibits intellectual maturity by evaluating multifaceted challenges and opportunities and creating innovative solutions.
- Demonstrates proficiency in the use of current technologies relevant to higher education and the workplace.
- Develops insight into Sacred Scripture so as to find personal meaning.
- Gains the knowledge of humanity which fosters a reverence for life.
- Demonstrates, in word and deed, the Primacy of Faith.

## **PERSONAL AND SOCIAL FORMATION**

A Servite High School graduate is a leader who, through a deliberate process of formation:

- Communicates effectively and respectfully with persons and groups from diverse backgrounds.
- Emulates the Blessed Mother in her example at the foot of the Cross.
- Lives life whereby the Gospel of Christ is the motivating power that guides his behavior.
- Understands and applies the ethical and legal use of technology.
- Demonstrates, in word and deed, Mastery of Self and Necessity of the Other.
- Embraces Christ, loves Christ, imitates Christ, lives Christ, and is Christ, so as to draw others to Christ

# ADMINISTRATION

President

•Randall Adams

Principal

•Stephen Walswick '02

Assistant Principal of Curriculum and Educational Technology

•Andrea Watanabe

Assistant Principal of Instruction

•Olga Hofreiter

Assistant Principal of Catholic Identity

•Brendan Ronan

Dean of Students

•Jack Conklin

# COUNSELING

Director of Counseling - 9th-12th A-D

•Hilary Recknor, M.S., PPS

Counselor - 9th-12th E-K

•Amy Bowman M.A., PPS

Counselor - 9th-12th L-Q

•Megen Anspach, M.A., PPS

Counselor - 9th-12th R-Z

•Nicholas Pefetto, M.ED., PPS

Director of Instructional Support Services

•Gina Johnson

Registrar

•Andrea Valenzuela

Personal Counselor

•Inspired Resolutions - Brandon Joffe

# PLANNING YOUR SCHEDULE

This course catalog is intended to convey information to both students and parents about the offerings at Servite High School and to offer assistance in selecting and planning course schedules.

Parents are urged to study the course catalog and consult counselors, and teachers as appropriate. Students, please consider the following in your planning process:

- Read your catalog carefully, and focus attention on graduation requirements, course prerequisites, and academic policies to prepare for higher education and career.
- Study the required and elective subjects that are offered at each grade level.
- Talk with your teachers about courses offered in each department.
- Consider alternate courses, if necessary.
- Talk with your counselor about choices available to you.
- Approval will be based on space availability as determined by the administration, graduation requirements, course prerequisites, and/or department recommendation.

# GRADUATION REQUIREMENTS

All courses offered at Servite High School are designed for the college and university-bound student. For graduation from Servite High School, all students are required to complete 270 academic credits, as described below. A one-year course meeting daily earns a student ten (10) academic credits. All required courses in all disciplines must be passed and **no student may graduate from Servite with an unredeemed 'F' on his transcript**. In addition to credit requirements, no 'F' policy, and Christian service hours, there are also specific course requirements. Students are required to complete the following:

| GRADUATION REQUIREMENTS |   |
|-------------------------|---|
| Theology                | 40 credits  |
| English                 | 40 credits  |
| Laboratory Science      | 20 credits (Biology + 1)                          |
| Mathematics             | 30 credits (Algebra 1, Geometry, and Algebra 2)   |
| History/Social Studies  | 30 credits (World, U.S., & Government/ Economics) |
| World Language          | 30 credits (all in the same)                      |
| Fine Arts               | 10 credits  |
| Health                  | 5 credits   |
| Physical Education      | 10 credits  |
| Computer Apps           | 5 credits   |
| Electives               | 50 credits  |
| <b>TOTAL</b>            | <b>270 academic credits</b>                       |
| Christian Service       | 100 hours over four years                         |
| Prory                   |   |

**Note:** A semester course has a credit value of 5, and a year course has a value of 10.

# COURSE DISTINCTIONS

## COLLEGE PREPARATORY (CP) COURSES

These courses are designed to be a challenge to the student preparing for a college education. Material covered in these courses is presented in a detailed fashion at a pace designed for all students.

## HONORS PLACEMENT (HP) COURSES

The course content is essentially the same in most honors sections as it is in the college preparatory classes. Honors sections, however, are conducted at a more accelerated pace and with greater intellectual intensity. Honors courses are traditionally more competitive. Honors placement is determined by departmental standards.

## ADVANCED PLACEMENT (AP) COURSES

The College Board offers advanced placement curricula and exams in numerous academic disciplines. These curricula are college level and students often receive some college credit or advanced standing once entering college. Students take AP exams in early May. Performance is evaluated on the basis of 1 (no recommendation) to 5 (extremely well-qualified).

While the criteria for placement in AP courses may vary slightly by department, general criteria include

- honors grades
- strong teacher recommendation
- a previous record of timely and successful completion of assignments
- above-average standardized test scores

Due to the rigorous nature of AP course work, it is imperative that students meet minimum placement standards and be committed to completing comprehensive reading and writing at the college level with success.

Enrollment in AP courses includes the commitment to write the AP examination for that course in May as well as the commitment to pay the established fee for that examination.

**\*\*ALL SERVITE COURSES ARE UC/CSU APPROVED  
UNLESS OTHERWISE INDICATED\*\***

# REQUIREMENTS OF STUDENTS TAKING HONORS (HP) AND ADVANCED PLACEMENT (AP) COURSES

All honors and advanced placement classes require teacher recommendations, based on the following criteria:

## **Honors and Advanced Placement classes require students to have mastered the fundamental skills of the academic discipline.**

Students must have mastered the fundamental skills of the academic disciplines involved. Only when they have mastered the basic skills of spelling, grammar, manuscript preparation, problem-solving, calculation, research, experimentation, etc., are students prepared to enter Honors or Advanced Placement classes.

## **Honors and Advanced Placement classes require students to work independently.**

Students often have to work on assignments without detailed instruction. Students are responsible for asking questions when they do not fully understand material. Students must be prepared to spend a greater amount of time on homework. In addition, they must seek extra help if needed, and make appointments with their teachers to obtain added support.

## **Honors and Advanced Placement classes require students to develop personal commitments and a strong work ethic.**

Simply attending classes and behaving acceptably is not adequate. Students must participate in discussions and activities. They must develop an active interest in the concepts they are learning, engage these concepts, and actively seek answers to questions. Students must commit to doing their best work, not the least work necessary, for a high grade.

## **Honors and Advanced Placement classes require students to value learning.**

While grades are important and taken seriously, learning must be the first priority of students. Students must be able to learn from mistakes. The thinking skills students practice are abstract and often have ambiguous answers. Students must learn to cope with ambiguity and to think through complex questions. Immediate rewards for “right” answers are not always possible in the context of Honors or Advanced Placement classes.

## **Honors and Advanced Placement classes require students to maintain a positive attitude.**

Students cannot resist a task because it is new or difficult. When work is “easy,” students may be practicing skills rather than learning new ones. Discomfort with new tasks is normal and students must be willing to take risks. They must do their best and strive to see the purpose of the work they are doing.

## **Honors and Advanced Placement classes require students to take an interest in the subject.**

Students must be willing to analyze their work in detail and participate in lengthy discussions and projects. Each level of an honors or advanced placement class is preparation for the next. Students must not limit themselves to the assigned material, but continually strive to learn more by engaging in outside reading, attending lectures, doing additional research, etc.

# PROGRAM OF STUDIES

The following program of studies is required of all students enrolled in the grades indicated. Students must take seven (7) courses for each year of enrollment. A Priory period is required every year. All required courses must be taken at Servite High School. Summer courses must be taken to make up for a failure, and selected courses may be taken for advancement.

| FRESHMAN<br>COLLEGE<br>PREPARATORY | FRESHMAN<br>MATH/SCIENCE<br>HONORS | FRESHMAN<br>LIBERAL ARTS<br>HONORS | FRESHMAN FULL<br>HONORS           |
|------------------------------------|------------------------------------|------------------------------------|-----------------------------------|
| 2111 CP English 1                  | 2111 CP English 1                  | 2153 HP English 1                  | 2153 HP English 1                 |
| 1101 CP Theology 1                 | 1101 CP Theology 1                 | 1101 CP Theology 1                 | 1101 CP Theology 1                |
| 3101 CP Algebra 1                  | 3151 HP Mathematics                | 3101 CP<br>Mathematics             | 3151 HP<br>Mathematics            |
| 4201 CP Biology                    | 4151 HP Biology                    | 4201 CP Biology                    | 4151 HP Biology                   |
| 8101 Physical<br>Education         | 8101 Physical<br>Education         | 8101 Physical<br>Education         | 8101 Physical<br>Education        |
| 9506 Computer Apps<br>9103 Health  | 9506 Computer Apps<br>9103 Health  | 9506 Computer Apps<br>9103 Health  | 9506 Computer Apps<br>9103 Health |
| 7596 Priory                        | 7596 Priory                        | 7596 Priory                        | 7596 Priory                       |
| World Language or<br>Fine Art      | HP World Language                  | HP World Language                  | HP World Language                 |
|                                    | *Fine Art                          | *Fine Art                          | *Fine Art                         |
|                                    | * Requires a 0 Period              | * Requires a 0<br>Period           | * Requires a 0<br>Period          |

\*Students in honors (particularly athletes) are strongly encouraged to take both a Foreign Language and Fine Art freshman year. This will force a zero period unless students take Driver's Ed/Health and Computer Applications in the summer. Please contact counseling with any questions at x1134.

| SOPHOMORE YEAR                        | JUNIOR YEAR             | SENIOR YEAR                            |
|---------------------------------------|-------------------------|--|
| ♦ English 2                           | ♦ English 3             | ♦ English 4                            |
| ♦ Mathematics                         | ♦ Mathematics           | ♦ Math/Elective                        |
| ♦ Theology 2                          | ♦ Theology 3            | ♦ Theology 4 (Critical<br>Reflections) |
| ♦ World History<br>(CP/HP/AP/AP Euro) | ♦ U.S. History          | ♦ Government and<br>Economics          |
| ♦ Science/Elective/Fine Art           | ♦ Chemistry (or other)  | ♦ Elective/Fine Art/Science            |
| ♦ World Language 1 or 2               | ♦ World Language 2 or 3 | ♦ World Language 3/Elective            |
| ♦ Elective/Sport                      | ♦ Elective/Sport        | ♦ Elective/Sport/Senior<br>Privilege   |
| ♦ Priory                              | ♦ Priory                | ♦ Priory                               |

# PLANNING FOR THE FUTURE

## COLLEGE ADMISSIONS INFORMATION

### UNIVERSITY OF CALIFORNIA ENTRANCE ACADEMIC REQUIREMENTS

The Subject Requirement specifies the 15 year-long academic courses you must complete in high school including the a-g requirements with a minimum grade of "C" in each semester of each course.

Because many campuses receive applications from more eligible students than spaces available, meeting the minimum requirements for any of these paths may not be enough to gain you admission to the campus of your choice.

Grades received in courses taken in the ninth grade or earlier are not used in determining your GPA for admission, although subject requirements may be satisfied with grades of "C" or better in these courses. Only semester grades are used in calculating the GPA.

See link to learn how to calculate the UC Freshman GPA.

<https://admission.universityofcalifornia.edu/admission-requirements/freshman-requirements/gpa-requirement.html>

\*For courses completed during the 2020 Winter, Spring or Summer terms, UC will also accept a grade of pass/credit.

| UC ADMISSION REQUIREMENTS   |          |
|---|----------|
| a. History  | 2 years  |
| b. English  | 4 years  |
| c. Mathematics (recommended 4)  | 3 years  |
| d. Science (Bio, Chemistry, and/or Physics)   | 2 years  |
| e. Language other than English<br>*or equivalent to the 2nd level of high school instruction                            | 2 years* |
| f. Visual and performing arts   | 1 year   |
| g. College-preparatory elective<br>(chosen from the subjects listed above or another course approved by the university) | 1 year   |

## CALIFORNIA STATE UNIVERSITY ENTRANCE REQUIREMENTS

**Subject Requirement:** The CSU requires a minimum 15-unit pattern of courses for admission as a first-time freshman. Each unit is equal to a year of study in a subject area. A grade of “C” or higher is required for each course you use to meet any subject requirement.

**Examination Requirement:** The California State University (CSU) has temporarily suspended the use of ACT/SAT examinations in determining admission eligibility for all CSU campuses for the 2021-2022 and 2022-2023 academic year. This temporary change of admission eligibility applies only for the Fall 2021, Winter 2022, Spring 2022, Fall 2022, Winter 2023, and Spring 2023 admission cycles. This will affect Class of 2021 and Class of 2022 graduates.

- California residents and graduates of California high schools will be eligible for admission by earning a 2.50 or greater “a-g” GPA.
- Any California high school graduate or resident of California earning a GPA between 2.00 and 2.49 may be evaluated for admission based upon supplemental factors such as number of courses exceeding minimum “a-g” requirements, household income, extracurricular involvement, and other available information that would inform the campus admission decision.
- Campuses and programs designated as impacted may utilize higher “a-g” GPA thresholds for applicants, as well as identify supplemental criteria and their relative weights, in making admission decisions. See link for complete updated information on determining admissions eligibility.

<https://www2.calstate.edu/apply/freshman/Pages/first-time-freshman-guidance.aspx>

| CSU ADMISSION REQUIREMENTS |   |
|----------------------------|---|
| English                    | 4 years   |
| History/Social Science     | 2 years, including 1 year of US History                                 |
| Mathematics                | 3 years including Algebra 1, Geometry, Algebra 2/Trig. (*4 recommended) |
| Laboratory Science         | 2 years, including 1 year biological and 1 year physical                |
| Foreign Language           | 2 years in same language required                                       |
| Visual & performing arts   | 1 year in a UC/CSU-approved course                                      |
| Electives                  | 1 year required, in an approved course from the subject areas above     |

**ALL SERVITE COURSES ARE UC/CSU APPROVED  
UNLESS OTHERWISE INDICATED\*\***

## CALIFORNIA COMMUNITY COLLEGE ENTRANCE REQUIREMENTS

**Entrance Requirements:** All persons 18 years of age or older who can profit from instruction are eligible for admission as a California resident or nonresident. Anyone under the age of 18 who is a high school graduate or has been awarded a GED or California High School Proficiency Certificate may also enroll. Find the community college in which you are interested for more specific information.

Community colleges offer Associate's degrees, prepare students for transfer to four-year institutions, provide opportunities for lifelong learning, and train the workforce that sustains California's economy. An Associate's degree is designed to be finished in two years (after about 60 credits) and is made up of core classes like English, History, Math, Government, Arts, and Science.

Some 80,000 California community colleges students transfer seamlessly to a University of California or California State University campus every year. And every year, nearly 40,000 California community college students earn an Associate Degree for Transfer that guarantees them admission as juniors to a Cal State campus and other participating universities.

<https://www.cccco.edu/Students/Transfer>  
<https://assist.org/>

# ENGLISH DEPARTMENT

## **2111 CP English 1**

Year Course - Required for graduation

## **2153 HP English 1**

Year Course

**Prerequisites:** *Selection for Honors Placement*

This course provides the students with an introduction to techniques of formal literary analysis. Through units on poetry, the short story, drama, non-fiction and the novel, teachers emphasize the distinguishing characteristics of major literary genres and the basic terminology essential to all literary discourse. In addition, the course provides students with help in the more general areas of reading comprehension, vocabulary building, and note taking.

The aim of this course is to provide students with knowledge of the writing process in general, including its pre-writing, writing, and revising stages. Pre-writing stresses the thinking process, the process of generating ideas and information that goes into writing of any substance. Extensive work on fundamental grammar, English usage, and sentence structure and paragraph organization gives students a strong analytical knowledge of the formal writing stage. Finally, students learn the essential techniques of writing revision, including the correction of any conceptual, structural, or mechanical errors.

## **2201 CP English 2**

Year Course - Required for graduation

## **2251 HP English 2**

Year Course

**Prerequisites:** *Department approval based on superior grades and teacher recommendations*

The sophomore (CP) English class builds on the literature and composition development of the freshman year. The composition portion of the course focuses on a review of grammar and sentence structure, English usage and mechanics. The course develops the three-step composition process learned in the freshman year. The literary portion entails analysis of the major genres. Teachers introduce techniques of close reading for literary analysis.

The Honors (HP) English 2 course offers a survey of classical and medieval literatures. The curriculum is intended to provide the student with a background in classical Greco-Roman, Biblical, and medieval literature.

## **2301 CP English 3**

Year Course - Required for graduation

## **2351 HP English 3**

Year Course

**Prerequisites:** *Department approval based on superior grades and teacher recommendations*

The literature portion of this course presents students with a chronological survey of American literature through selected works by traditionally accepted major authors. Background lectures and class discussions typically treat readings in the context of American intellectual and literary history. Classes also examine rhetorical and aesthetic issues common in the broader study of language and literary technique. Finally, teachers encourage students to begin formulating independent critical judgments of literature through study questions and essay assignments on assigned readings. The composition part of the course emphasizes the careful development of ideas in extended paragraphs and essays. Students work to refine their composition skills through a review of the basic elements of sound writing. Extensive work in revising helps prepare students for work in college composition.

## **2401 CP English 4**

Year Course - Required for graduation

The fourth year program in English is a survey course that begins with the Anglo-Saxon Age and concludes with the 20th Century. The history and development of the English language is studied in conjunction with the literature. Grammar rules and their application are reinforced by a deductive method of review. Composition assignments will guide the student from a critical analysis of the individual paragraph to a thorough understanding of the structure and development of the essay. Compositions will emphasize persuasion and literary review; the student will develop the skills necessary to compose a well-documented research paper.

British literature beginning with the Middle Ages and concluding with the early 20th century is surveyed in the English 4 course. Teachers place greatest emphasis on the author's use of literary techniques, the development of genres and the connection between literary expression and social and historical development. Themes are accorded due attention as they illuminate a period of human history. Classes explore a variety of critical approaches to the readings, including psychological, sociological, formalist, and historical methods. The chief aim of the course is to develop in students an understanding and appreciation of English literature. The course also emphasizes college preparatory writing with frequent essay assignments designed to teach students the essential elements of sophisticated persuasive and expository prose.

**2480 AP English Language and Composition**

Year Course - Satisfies English 3 or 4 graduation requirement

**Prerequisites:** *Department approval based on superior grades and teacher recommendations.*

The AP English Language and Composition (APELC) course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.

**2481 AP English Literature**

Year Course - Satisfies English 4 graduation requirement

**Prerequisites:** *Department approval based on superior grades and teacher recommendations*

Advanced placement English is designed to be a college/university level course thus the designation for the "AP" on the transcript, rather than "H" for Honors. The reading is challenging; and the writing is both frequent and intense. Students work collaboratively on revisions, but must retain an independent mind. As a culmination of the course, students will be invited and encouraged to take the Advanced English Literature and Composition exam in May.

**2505 CP Journalism**

Year course – All Grade Levels Elective

Journalism is the study of the art of reporting and the profession of journalists. Beginning journalism students receive instruction in all areas of journalism needed to pursue Staff positions of either yearbook (The Story) or newspaper (The Spokesman). Among the areas covered are: interviewing, beat reporting, feature writing, news stories, layout design, advertising, journalistic ethics, professional standards. This course includes extensive reading of models of excellent journalistic techniques and evaluates and analyzes journalistic writing through discussions and critiques. Students will also be assisting with the production of the yearbook in this class.

**2515 CP Advanced Journalism**

Year Course – Sophomore/Junior/Senior Elective

A second course in Journalism expanding on the skills learned in Journalism 2505.

**2531 CP Speech & Debate/Mock Trial**

Year Course – Sophomore/Junior/Senior Elective

This two-semester course is designed to advance oral and written communication skills, critical reading, research methods, analysis, listening, extemporaneous and persuasive speaking/writing, and oral interpretation/creative expression. This is a performance and presentation-based course. Students will participate in short speeches and debate and will have the opportunity to compete in individual events. Students will also learn the fundamentals of the Civil and Criminal Justice system, including the rules of trial procedure and evidence. Students will prepare for and participate in a Mock Trial either as an attorney or witness and have opportunities to compete as a team. Students will improve their persuasive writing skills and gain skill and confidence with their persuasive public speaking. Students will develop an increased understanding of many important current issues and develop an increased understanding and appreciation of our judicial system.

# VISUAL ARTS DEPARTMENT

**Fine Arts Graduation Requirement:** For Servite graduation, students are required to complete one year (ten credits) of fine arts credit.

**Please note:** UC and CSU require one year-long course in a single discipline from the Servite UC/CSU - Approved Course List.

## **7508 CP Drawing**

Year course - Sophomore/Junior/Senior Elective

The first semester of this year course places an emphasis on the basic principles of design and elements of art using a variety of dry media in two-dimensional design and composition. Students will learn the visual vocabulary, art criticism, aesthetic theory, art history. Careers in art will be explored. Studio applications will constitute a portfolio which will show growth over the course of the year. The second semester places an emphasis on color theory and the use of prisma color and aquarelle. It is designed to build upon the basic drawing techniques already learned. Students will develop and practice knowledge of linear and atmospheric perspective, figure drawing, portraiture, and cartooning. There is a fee for materials (\$96.65).

## **7548 Studio Art: Independent Study**

Year course - Senior Elective - Limited to 3 students

**Prerequisites:** *Grades in 7508 Drawing; teacher approval*

An elective course designed to challenge the advanced art student to pursue projects and areas of individual interest. Instruction includes the use of a wide variety of art tools, media, and techniques. Areas of personal interest as well as new areas open for exploration are encouraged. The development of aesthetic judgment and evaluation is indicated. This is a studio class with emphasis on portfolio preparation prior to college application.

***This course is not UC/CSU approved***

## **7590 CP Film Aesthetics & Production**

Year course –Sophomore/ Junior/Senior Elective

This course will examine the way filmmakers create meaning. Students, through the analysis of popular films, will study the various stages of filmmaking in order to better understand and appreciate them. They will learn the history of filmmaking and the technological advances that have come about in the art form. Appropriate aesthetic and technical vocabulary will be learned and utilized. Students will learn about the filmmaking process; beginning with screenwriting and concluding with the final sound mix. Projects will be assigned to apply knowledge of skills utilized by those in the filmmaking industry. Students will study the impact of film and television on society from a social, economic and political viewpoint. Film will be studied as an art form and as a means of communication. A variety of films will be previewed and students will analyze and respond to these films, and make critical assessments.

## **7591 Film Video Production**

Year course – Senior Elective

**Prerequisites:** *Completion of 7590 and Teacher approval*

The second year film course is designed to give students an opportunity to apply the knowledge they obtained in the Intro to Film Aesthetics and Production course. Second year production students will work collaboratively with classmates to produce short conceptual video projects while continuing to study the craft of numerous professionals in the industry.

***This course is not UC/CSU approved***

## **2528 CP Yearbook**

Year Course – Sophomore/ Junior/Senior Elective

The objective of this course is to have a fun and informative elective that annually produces the Yearbook for the school. Students learn the basics of photography and are responsible for taking candid, as well as photos of sports, classes, clubs, and campus life to represent each and every student at Servite. Students learn the basics of graphic design, creating layouts for pages and sections. Students also focus on journalism skills, interviewing students, coaches, teachers, and parents, as well as writing captions and articles to accompany their photos. The Yearbook class works as a team to create a well-designed product for the Servite community.

## **7586 AP Art History**

Year Course – Sophomore/ Junior/Senior Elective

**Prerequisites:** *3.3 weighted GPA or Teacher approval*

The AP Art History course is equivalent to a two-semester college survey course exploring the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, students develop in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art.

# MUSIC DEPARTMENT

**Fine Arts Graduation Requirement:** For Servite graduation, students are required to complete one year (ten credits) of fine arts credit. One semester of credit is earned for yearlong participation in Band.

**Please note:** UC and CSU require one year-long course in a single discipline from the Servite UC/CSU - Approved Course List.

## **7509 CP Classical Guitar 1**

Year course – All Grade Levels Elective

This course is for the newcomer to the classical guitar. Anyone, regardless of talent or previous musical experience, can learn to play and find success if the homework is done regularly and on time. While the focus is classical guitar the skills gained in this class create and improve abilities to play other styles of music on other kinds of guitars. An applied music theory component also grounds students in knowledge of the process of composing which is also applicable to any other style of music. A student should plan for 15-30 minutes of deliberate practice time, three to four nights per week. No previous music experience is necessary. This course is modeled on a copyrighted college-prep guitar course taught at Southern Illinois University at Carbondale.

## **7529 CP Classical Guitar 2**

Year course – Sophomore/Junior/Senior Elective

## **7532 CP Classical Guitar 3**

Year course – Junior/Senior Elective

## **7533 Classical Guitar 4**

Year course – Junior/Senior Elective

***This course is not UC/CSU approved***

*Prerequisites: Must possess a specific set of classical guitar skills and receive instructor approval*

These courses provide independent study direction to nurture students toward more advanced repertoire and understanding of music. Guitar ensemble (small group) participation is a central part of the class. Besides that performing aspect students will develop technical and reading skills appropriate to their level. A minimum of 30 minutes of outside practice five days per week is required. Many performing opportunities outside of the class will be presented and students will be prepared to give excellent performances. Students who begin these classes (level II) should have at least the following skills: the ability to play a variety of right hand arpeggio patterns through a chord progression, command of rest and free stroke, ability to read through the ninth position (and an understanding of what is beyond that), two and three octave diatonic scales, and some solo repertoire. Instructor approval is required. Participation in After-school performances is required.

## **7515 CP Men's Chorus**

Year Course - All Grade Levels Elective

Men's Choir 1 is offered to students with limited vocal/choral experience. Students will learn how to match pitch, expand their vocal range, and learn the basic techniques of vocal production including proper breathing and vowel production. Students will learn some music theory as it relates to singing. Several concerts will be performed each year. Students are assessed a \$50.00 fee for materials and accompanists.

## **7520 Advanced Choir**

Year Course – Sophomore/Junior/Senior Elective

**Prerequisites:** *Audition required*

Must attend a meeting/audition and get teacher approval and must have achieved fundamental singing techniques. The advanced choir provides an opportunity to sing difficult music from various genres and musical periods. The student who completes this course will become an independent singer who performs vocal music with proper technique. Training in theory and sight-singing will continue as in Choir I and ear-training will be added. Musicality is assessed through phrasing, dynamics, tone color, tempo, balance and blend. This group will perform more often and may participate in festivals and contests.

Students are assessed a \$50.00 fee for sheet music. The music will remain in their possession at the end of the year (or they could donate it to the school to build the choir library).

***This course is not UC/CSU approved***

**7526 CP Beginning Piano**

Year Course – All Grade Levels Elective

This class will provide students with instruction in learning to play the piano. Class will be held in a keyboard/music lab where players practice and hear their work through headphones. Focus will be placed on beginning piano technique by playing major scales, finger exercises, and beginning level piano music while learning the fundamentals of music reading, music structure, melodic playing and chording. This class also explores the fundamentals of music theory through activities related to assigned music. Students are exposed to music history such as musical eras related to assigned pieces and the history of piano and keyboard development. A semester research/analysis project is required as well as a recital performance in which the student will perform for their peers.

**7511 CP Music Theory 1**

Year Course – Sophomore/ Junior/Senior Elective

**Prerequisites:** *Students entering this course should possess basic music reading skills*

This class is designed with the potential music major in mind, or a student who has an interest in how music is composed. Topics covered include major and minor keys, triads, basic voice leading, harmonic structure and ear training, among others.

# WORLD LANGUAGES DEPARTMENT

## Spanish

**6101 CP Spanish 1** Year Course – Required for graduation

**6151 HP Spanish 1** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisite:** *Honors Placement or successfully pass a challenge test.*

Spanish 1 is an introductory course. Elementary grammar and vocabulary will be stressed. Emphasis will be placed on reading, writing, and speaking the language. Hispanic culture will be explored and discussed.

**6301 CP Spanish 2** Year Course - Required for graduation

**6351 HP Spanish 2** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisites:** *Superior grades in Spanish 1 and teacher recommendation.*

Spanish 2 continues the basic principles and introduces more patterns that are grammatical. Emphasis will be on reading for comprehension and oral expression. Students continue their study of the Hispanic culture.

**6401 CP Spanish 3** Year Course - Required for graduation

**6451 HP Spanish 3** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisites:** *Superior grades in Spanish 2 and teacher recommendation.*

Spanish 3 continues the basic principles and introduces more grammatical patterns with emphasis on the written and spoken language. Hispanic history and literature comprise the basis of compositions and discussions.

**6461 HP Spanish 4** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisites:** *Superior grades in Spanish 3 and teacher recommendation.*

HP Spanish 4 have more of an emphasis on the spoken language as well as composition and literature.

**6481 AP Spanish Language** Year Course

**Prerequisite:** *Approval by the instructor based on grades and aptitude in writing, reading, and speaking Spanish*

This is an intensive course in Spanish with an emphasis on the study of Spanish structure. There is additional work in composition and Hispanic culture. Class work includes preparation for the AP Examination in May.

# French

**6202 CP French 1** Year Course - Required for graduation

**6252 HP French 1** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisite:** *Honors Placement or successfully pass a challenge test.*

An introductory course in reading, writing and speaking French, emphasizes the rudiments of French pronunciation as well as elementary grammar and vocabulary. It includes an introduction into French culture.

**6302 CP French 2** Year Course - Required for graduation

**6352 HP French 2** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisites:** *Superior grades in French 1 and teacher recommendation*

The course continues the principles of French 1. It introduces students to more complex grammatical patterns, including compound tenses, concordance of tenses, and uses of the subjunctive.

**6402 CP French 3** Year Course - Required for graduation

**6452 HP French 3** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisites:** *Superior grades in French 2 and teacher recommendation*

French 3 is a complete review of all grammar for the intermediate to advanced French student. There is oral discussion of literary selections. Stress is given to French culture, history, and influence in the world

**6462 HP French 4** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking.

**Prerequisites:** *Superior grades in French 3 and teacher recommendation*

Continuation of French 3, with an emphasis on French Literature, oral discussion, and writing

## Latin

### 6253 HP Latin 1 Year Course - Required for graduation

Latin 1 is an introductory language course.

Elementary instruction of classical Latin grammar, vocabulary, and syntax allow students to begin to read simple and compound sentences, as well as write them. This progression also allows students to read longer prose and poetry passages. Chapters 1-20 of Wheelock's Latin Grammar are covered within the first year. Students are also introduced to Roman culture.

### 6303 CP Latin 2 Year Course - Required for graduation

### 6353 HP Latin 2 Year Course

**Prerequisites:** *Superior grades in Latin I and teacher approval*

### 6403 CP Latin 3 Year Course - Required for graduation

**Prerequisite:** *C- or better in second semester of Latin 2.*

The third year of Latin for non-honor students gives the student a chance, after the rigorous work of Latin 1 and 2, to read some of the greatest passages of Latin Poetry and Prose.

### 6483 AP Latin Vergil Year Course

**Prerequisite:** Superior grades in Latin courses and teacher approval.

The Advance Placement of Latin 3 course in Vergil consists primarily in reading and studying in Latin major portions of Books I, II, IV, VI, X, and XII of the Aeneid. This course is designed to promote in the student the ability to translate accurately, to interpret critically, and to scan Latin hexameter verse.

### 6455 HP Latin 4 Year Course

**Prerequisite:** *C- or better in second semester of Latin 3.*

The fourth year of Latin for honor students gives the student a chance, after the rigorous work of Latin 1, 2, and 3, to read some of the greatest passages of Latin Poetry and Prose.

## Ancient Greek

### 6501 Ancient Greek 1 Year Course – Sophomore/ Junior/Senior Elective

Ancient Greek is a course designed to expose and immerse a student to Homeric Greek at a moderate rate. The student will experience vocabulary, grammar, and syntax that will allow him to read and write simple sentences, as well as compound and some complex sentences in Homer (*Iliad* and *Odyssey*); students will memorize passages of Homer's *Iliad* and *Odyssey* in the target language and be prepared for recitation (Book 1 *Iliad*); students will learn to compose English sentences into Homeric Greek. Each student will be exposed to the concepts of Homeric culture, epic poetry, Hellenic warfare and their influence(s) in the Western World through the reading of selections of the *Iliad* and *Odyssey* in translation. This class is designed to supplement student's interests in the ancient world (Latin, History of Warfare: Ancient) by focusing on the Greek language and English's indebtedness to Hellenic cultural and linguistic models. All students are expected to take the National Greek Exam and the Medusa National Mythology Exam (offered in the spring semester). ***This course is not UC/CSU approved.***

### 6502 Ancient Greek 2 (Honors) Year Course – Sophomore/ Junior/Senior Elective

Ancient Greek 2 is a continuation of Ancient Greek 1; it is designed to further expose and immerse a student to Homeric Greek at a moderate rate. And the student will experience even more vocabulary, grammar, and syntax that will allow him to read and write complex sentences, as well as complex-compound sentences in Homer (*Iliad* and *Odyssey*); students will memorize passages of Homer's *Iliad* and *Odyssey* in the target language and be prepared for recitation (Bk 22); students will learn to compose English sentences into Homeric Greek. Again, each student will be exposed to the concepts of Homeric culture, epic poetry, Hellenic warfare and their influence(s) in the Western World through reading of selections of the *Iliad* and *Odyssey* in translation. Since students in Greek 2 will have been exposed to Greek 1, Homeric Greek 2 students will be asked to prepare mini-lectures on Homeric subjects for presentation to class, furthering the depth and understanding of Homer's significance to Western Poetry and martial prowess. All students are expected to take the National Greek Exam and the Medusa National Mythology Exam (offered in the spring semester). ***This course is not UC/CSU approved.***

# Mandarin

**6254 HP Mandarin 1** Year Course – All Grade Levels Elective

**Prerequisite:** *This introductory course is considered a very rigorous course and is open to students who were placed in honors.*

Mandarin 1 is an introductory course for non-Chinese speaking who until now have had little in-depth exposure to the intricacies of Mandarin Chinese language and Chinese culture. The main objective of Mandarin 1 is to develop a strong foundation in the Mandarin Chinese language in four aspects: speaking, listening, reading and writing. Focus will be given in the students speaking and listening skills, pronunciation, and proper grammar usage in high-frequency common communicative settings, such as introductory greetings, family descriptions, time, hobbies, and home etiquette. Students will also be able to accurately write and depict Chinese characters (Hanzi), effectively develop their phonetic understanding of Hanyu pinyin and begin to associate the tonal qualities of Mandarin Chinese into their pronunciation.

**6304 CP Mandarin 2** Year Course – Sophomore/ Junior/Senior Elective

**6354 HP Mandarin 2** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

**Prerequisite:** *Grades and teacher recommendation*

This course will continue to introduce students to the proper and effective study of the Mandarin language. The course will reinforce and expand upon the phonetics, morphology, grammar and syntax introduced during year one. This course emphasizes the five major areas of language learning: speaking, listening, reading, writing, and typing. By the end of the course, students will have mastered a variety of conversational topics in Mandarin, e.g. transportation, food and drink, weather and travel, shopping, health and sickness, and summer activities. The course will put most emphasis on students' speaking and listening with a majority of time spent on conversational drills. There will also be a strong focus on recognizing individual ideograms, identifying their meaning while being able to read and pronounce them correctly.

**6404 CP Mandarin 3** Year Course – Sophomore/ Junior/Senior Elective

**6454 HP Mandarin 3** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

**Prerequisite:** *Grades and teacher recommendation*

Mandarin 3 is a one-year course that is designed for the students who have already completed level 2 Mandarin Chinese at Servite High School, or who can demonstrate that they have acquired knowledge of the language to the required level. This course will develop students' ability to clarify and ask for and comprehend clarification; express and understand opinions; narrate and understand narration in the present, past, and future; and understand the Chinese culture. Throughout the course, students develop their listening, speaking, reading and writing skills across the three communicative modes: interpretive, interpersonal, and presentational, and the five goal areas: communication, cultures, connections, comparisons, and communities.

**6464 HP Mandarin 4** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

**Prerequisite:** *Grades and teacher recommendation*

HP Mandarin 4 is a one-year course that is designed for the students who have already completed level 3 Mandarin Chinese at Servite High School, or who can demonstrate that they have acquired knowledge of the language to the required level. This course will develop students' ability to clarify and ask for and comprehend clarification; express and understand opinions; narrate and understand narration in the present, past, and future; and understand the Chinese culture. Throughout the course, students develop their listening, speaking, reading and writing skills across the three communicative modes: interpretive, interpersonal, and presentational, and the five goal areas: communication, cultures, connections, comparisons, and communities.

**6486 AP Chinese Language** Year Course - HP emphasizes practical application of the language, through a greater intensity of writing, reading, listening, and speaking

**Prerequisite:** *Grades and teacher recommendation*

This AP Chinese Language and Culture course is designed to refine students' proficiency skills in listening, speaking, reading, and writing while expanding the range of vocabulary and grammar points within six important and challenging units: China's Holidays, A Trip to Yunnan, Gender Equality, Environmental Protection and Energy Conservation, China's History, and The World is Getting Smaller. The study of these units will provide students with opportunities to practice interpretive, interpersonal, and presentational skills within practical, interesting, and authentic contexts. Both the teacher and students use Chinese exclusively in class

# MATHEMATICS DEPARTMENT

## MINIMUM REQUIREMENTS FOR ADVANCEMENT

1. Students who take HP Algebra 1 with a grade of B- or above (or CP Algebra 1 with a grade of A- or above) may take Geometry in the summer.
2. MDTP Diagnostic tests are given at the end of the 3<sup>rd</sup> quarter to help determine student placement for the following school year.
3. In order for a student to be considered eligible for the following mathematics course, he must earn a grade of C- or higher in the second semester. (For example, a student must earn a C- in Algebra 1 second semester to go on to Geometry; a student must earn a C- or higher to move on to Pre-Calculus. If a student does not earn the minimum grade required to move on, he will have to remediate that course in summer school.

### **3100 CP Pre-Algebra**

Year Course - Required for graduation

The Pre-Algebra course is to serve as a bridge between junior high mathematics and classic Algebra. This course will build a foundation of algebraic concepts through the use of number sense, problem-solving, and algebraic processes. Core topics to strengthen through this course will include algebraic expressions, linear equations, polynomials, factoring, inequalities, geometry, statistics, and graphing.

### **3101 CP Algebra 1**

Year Course - Required for graduation

### **3151 HP Algebra 1**

Year Course

This course relies heavily on the four basic mathematics operations developed previously in Pre-Algebra. Extend those operations to positive and negative numbers. Emphasis is placed on the solving of equations, factoring polynomials and simplifying radicals. Also strong emphasis is placed on problem solving using equations and word problems.

### **3201 CP Geometry**

Year Course - Required for graduation

### **3251 HP Geometry**

Year Course

Beginning with the study of basic figures of geometry, this course emphasizes the development of students' understanding of the nature of two column proofs and deductive reasoning. Trigonometry emphasizes an understanding of the principles and definitions of trigonometry. Calculators will be used throughout the course.

### **3230 CP Algebra 2**

Year Course - Required for graduation - Juniors

Algebra 2 is a second year course, which covers quadratic equations and their graphs, radicals, rational expressions, exponents, logarithms. Emphasis is placed on problem solving.

### **3301 CP Algebra 2 / Trigonometry**

Year Course – Junior requirement for graduation

### **3133 HP Algebra 2 / Trigonometry**

Year Course – Freshmen - Junior

Algebra 2 is a second year course, which covers quadratic equations and their graphs, radicals, rational expressions, exponents, logarithms and an introduction to trigonometry. Emphasis is placed on problem solving.

### **3407 CP College Algebra and Trigonometry**

Year Course – Junior/Senior Elective

A course that incorporates all topics of Algebra 2 with an emphasis on real, rational, and exponential functions and also emphasizes an understanding of the principles and definitions of trigonometry. Calculators will be used throughout the course.

### **3318 CP Pre-Calculus**

Year Course - Sophomore/Junior/Senior

### **3358 HP Pre-Calculus**

Year Course – Sophomore/Junior/Senior

Pre-Calculus prepares the student for college-level calculus. Students learn polynomial, rational, exponential, and logarithmic, trigonometric functions, and their graphs.

**3487 AP Statistics**

Year Course – Junior/Senior Elective

**Prerequisite:** A/B in an Algebra 2 course as well as A/B in English

This course discusses the science of statistical estimation with a focus on understanding fundamental statistical measures. Methods of exploring, quantifying, and classifying data, planning a study, current applications, anticipating patterns and interpretation of the validity of statistical inference are covered. Advanced Placement students will be prepared for the AP Exam in May.

**3409 CP Calculus**

Year Course – Junior/Senior Elective

This course explores differential and integral calculus with emphasis placed on method and application.

**3489 AP Calculus AB**

Year Course – Junior/Senior Elective

This course includes in-depth study of calculus topics in preparation for the Advanced Placement Calculus AB examination.

**3499 AP Calculus BC**

Year Course - Senior Elective

This is a second year course in calculus for those students who have one year of calculus. Emphasis is on material covered in the Advanced Placement Calculus BC examination.

# COMPUTER SCIENCES

## **9506 Computer Apps (9)**

Semester Course - Freshmen course required for graduation

Each student will develop, through research, simulation, and portfolios, a thorough understanding of Computer Applications. The course studies the history of computers, networking, multimedia, World Wide Web, computer components, operating systems, and ethics. It will also offer a hands-on experience using applications included in Microsoft Office 2007 and Google. These applications include presentation software, word processing, spreadsheet development, and multi-media presentations.

***This course is not UC/CSU approved***

## **9517 CP Intro to Computer Science**

Year Course – Freshmen/Senior Elective

Computer Science Essentials introduces students to the world of computer science. Initially students are taught fundamental concepts that will allow them to understand how to build programs. Students are introduced to coding via a block based coding language. After learning core coding concepts on blocks students will then transition to the text based coding language Python. Throughout the course students will work in groups to build communication and collaborative skills needed in the software industry. After completing the course students should be able to understand fundamental computer science concepts, read pseudo code, and develop programs with block code as well as Python

## **9586 AP Computer Science Principles**

Year Course – Sophomore/Junior/Senior Elective

**Prerequisite:** 3.0 weighted academic GPA and completion of Algebra 1

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science

## **9587 AP Computer Science A**

Year Course - Junior/Senior elective

**Prerequisite:** 3.2 weighted academic GPA and completion of Geometry

This course prepares the student for the Advanced Placement Examination. Programming using the Java language is stressed. Emphasis is placed on advanced data structures.

## **9585 CP Cyber Security**

Year Course – Senior Elective

**Prerequisite: Computer Science Pathway or teacher approval**

Cyber Security ends the computer science pathway at Servite. It aims to provide a general overview and introduction to the field of cyber security. Students will use their previous three years of computer science knowledge to learn about fundamental industry concepts including physical security, operating systems security, malware, network security, web security, and cryptography. After completing this course a student will have a solid foundation of cyber security concepts to build on in university as well as the tools necessary to protect themselves and their families online.

# SCIENCE DEPARTMENT

## **4201 CP Biology**

Year Course - Required for graduation

## **4151 HP Biology**

Year Course – Freshmen

**Prerequisites:** *Selection for Honors track*

This introductory laboratory science course covers the basic concepts of biology. Topics included in class study are cell structure, chemistry of the cell, genetics, and classification and in-depth comparisons of living organisms.

## **4384 AP Biology**

Year Course

**Prerequisites:** *Honors (HP) Biology and Honors (HP) Chemistry with a B- or better, or department approval.*

A second year biology course for honors level science students. Students should have previously taken honors biology and honors chemistry. This course provides students with the framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics include molecules and cells, heredity and evolution including molecular genetics, the diversity of organisms, structure, and function of plants, animals, and ecology. The class will facilitate the student's preparation for the AP exam.

## **4301 CP Anatomy & Physiology**

Year Course – Sophomore/Junior/Senior Elective

**Prerequisite:** *One year of laboratory science.*

This is an in-depth laboratory science course specializing in the structure and functions of the human life systems.

## **4303 CP Physical Science**

Year Course – Sophomore/Junior/Senior Elective

Physical Science is an in-depth laboratory course designed to help the student survey the realm of physics, chemistry, earth science, and astronomy. The fundamental components of the physical world are studied. The course is structured to combine lecture, discussion, demonstration, and student laboratory exercises. A student with a grade of C or better in chemistry or physics is not permitted to enroll in this course.

**This course is not a UC approved lab science.**

## **4311 CP Marine Biology**

Year Course – Sophomore/Junior/Senior Elective

**Prerequisite:** *Completion of Biology with a grade of C or better.*

This course studies organisms that live in the ocean and their interactions. Topics include chemical and physical features of the ocean, invertebrates, fish, mammals, ecology, and ecosystems native to the marine environment. The course will include two weekend field trips.

## **4302 CP Chemistry**

Year Course - Junior/Senior Elective

**Prerequisites:** Completion of Algebra 1 with a C- or better

## **4352 HP Chemistry**

Year Course – Sophomore/Junior/Senior Elective for approved students.

**Prerequisites:** *grade of B- or better in HP Biology and Algebra I and completion or concurrent enrollment in Algebra II*

Chemistry is a laboratory science course to familiarize the student with the study of elements, compounds, mixtures, and reactions. The course is structured to combine lecture, demonstration, and student laboratory exercises.

## **4485 AP Chemistry**

Year Course –Junior/ Senior Elective

**Prerequisites:** *Minimum of "B" grades in HP Chemistry and Algebra 2 and department approval.*

Advanced Placement Chemistry is a second year course in chemistry for honors level science students. Students should have previously taken honors biology and honors chemistry. Advanced Placement (AP) Chemistry is an intensive laboratory course requiring mastery of the material of a college-level chemistry course. The class will facilitate the student's preparation for the AP exam in May.

## **4487 AP Environmental Science**

Year Course –Junior/ Senior Elective

**Prerequisites:** *Minimum of "B" grades in HP Chemistry and Algebra 2 and department approval.*

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

**4405 CP Physics**

Year Course – Senior Elective

**Prerequisites:** *A minimum of B- in Algebra 2 and a C or above in any level of Chemistry or Teacher approval.*

**4455 HP Physics**

Year Course – Junior/Senior Elective

**Prerequisites:** *Concurrent enrollment in Pre-Calculus or higher in math and GPA 3.0 +. This course is open to juniors at the HP level only.*

Physics is a laboratory science course, which explores mechanics, wave motion, electricity and magnetism, light and optics, and modern physics. Course work includes lectures, demonstrations, video programs and computer/ laboratory exercises.

**4486 AP Physics C: Mechanics**

Year Course - Senior Elective

**Prerequisites:** *HP Physics with a grade of C or higher or teacher approval. Concurrent enrollment in a Calculus course plus approval of the Calculus and AP Physics instructors.*

Physics is a laboratory science course, which explores mechanics, wave motion, electricity and magnetism, light and optics, and modern physics. Course work includes lectures, demonstrations, video programs and computer/ laboratory exercises. AP Physics is a more intensive course. The class will facilitate the student's preparation for the AP exam in May.

# PHYSICAL EDUCATION AND HEALTH

**9103 Health**

Semester Course - Freshmen course required for graduation

The health course provides instruction in the basic areas of health. Emphasis is placed on mental health, human sexuality, disease, fitness, safety, drugs, alcohol, and tobacco.

***This course is not UC/CSU approved***

**8101 Physical Education**

Year Course - Freshman course required for graduation

Physical Education is a basic introductory course with emphasis on meter learning and fitness development. Also instructs students in team and individual sports with in-class competition.

***This course is not UC/CSU approved***

**8501 Sports Medicine**

Year Course – Sophomore/Junior/Senior Elective

**Prerequisite:** *Health, C or better in Biology/Honors Biology (or concurrent enrollment in Biology), instructor's approval, Anatomy/Physiology preferred but not required.*

Sports Medicine covers the anatomy and physiology of the human body. It also covers first aid, CPR, nutrition, and strength and conditioning. All topics will be covered with relation to sports and injuries that occur in athletic competition. Prevention, Recognition, Assessment, Evaluation and Treatment of athletic injuries are a strong area of focus. Laboratory assignments are given to aid in the teaching of these topics. Students are also required to work hours (10 hours per semester) in the athletic training room of our high school to get a hands-on approach into sports medicine. At the end of this course, the student will be first aid and CPR certified. (Lab fee for F.A./CPR).

***This course is not UC approved.***

**8502 Sports Medicine 2**

Year Course – Sophomore/Junior/Senior Elective

**Prerequisites:** *Sports Medicine & Teacher approval*

**Please note:** *This course is designated as a 9<sup>th</sup> period class to be taken after school.*

This course will cover the concepts learned in Sports Medicine more extensively. A lab will be required. Students will be required to work some athletic events.

***This course is not UC approved.***

# SOCIAL STUDIES DEPARTMENT

## **5509 CP World History**

Year Course – Sophomore course required for graduation

## **5559 HP World History**

Year Course

**Prerequisite:** *3.3 weighted academic GPA & A or B in CP or HP English 1*

This course is designated for students in the ninth grade. They will study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students will comparatively examine a variety of cultures and how these cultures have related to one another throughout history. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.

## **5589 AP World History**

Year Course - Sophomore/Senior Elective

**Prerequisite:** *3.8 weighted academic GPA & A or B in HP English 1 or A in CP English 1*

Study of the earliest civilizations to the present, with emphasis on the period after 1000 A.D. World Civilizations and Cultures are included in the course with major emphasis on non-European civilizations. Students are prepared for the AP World History Exam given in May. Student enrolled in AP World History course may receive concurrent college credits based on grades and performance from Cal State University Fullerton. Can be taken in lieu of required CP/HP World History.

## **5288 AP European History**

Year Course - Sophomore/Senior Elective

**Prerequisite:** *3.8 weighted academic GPA & A or B in HP English 1 or A in CP English 1*

This is a study of the key people, philosophies, and events that have shaped the development of the world from the Renaissance to the present. The course focuses on the theme of continuity and change in human history. The AP level also includes these themes as expressed in art and music. Can be taken in lieu of required CP/HP World History.

## **5301 CP U. S. History**

Year Course – Junior course required for graduation

## **5351 HP U.S. History**

Year Course

**Prerequisites:** *3.5 weighted academic GPA*

This is a comprehensive course that traces the growth and development of the United States from the colonial period to the present. Emphasis is placed on key personalities, social structures, economic patterns, and political institutions.

## **5381 AP US History**

Year Course

**Prerequisites:** *4.0 weighted academic and 3.6 unweighted academic GPA*

This is a comprehensive course that traces the growth and development of the United States from the colonial period to the present. Emphasis is placed on key personalities, social structures, economic patterns, and political institutions. Students enrolled in the AP US History course may receive concurrent college credits based on grades and performance from Cal State University Fullerton.

## **5405 CP U. S. Government**

Semester Course – Senior course required for graduation

U.S. Government places the Constitution of the United States as its central theme; emphasis is placed on the overall organization of the government today and how we as citizens can apply our knowledge of the Constitution to become more effective members of society. The course also covers federalism, the presidency, Congress, the courts, the bureaucracy, interest groups, the media, political parties, political beliefs, and behavior, and civil rights and civil liberties.

## **5406 CP Economics**

Semester Course – Senior course required for graduation

This course is designed to increase the student's understanding of different classifications of economic organization, including the market system and its functions of production, distribution, and consumption; the general business cycle; and the roles of government, labor, business, consumers, banking, and credit in the economy.

**5488 AP Macroeconomics** Semester Course - Senior Elective (replaces CP Econ)

**Prerequisites:** *3.8 weighted academic GPA & concurrent enrollment in Pre-Calculus*

AP Macroeconomics is a semester course to prepare students for the Macro Economics Advanced Placement exam. The students will explore various issues that affect the entire economy. Topics explored include macro indicators, fiscal policy, monetary policy and exchange rates

**5485 AP U.S. Government & Politics** Semester Course (replaces CP US Government)

**Prerequisites:** *3.5 weighted academic GPA*

AP U.S. Government & Politics has the Constitution of the United States as its central theme; emphasis is placed on the overall organization of the government today and how we as citizens can apply our knowledge of the Constitution to become more effective members of society. The course also covers federalism, the presidency, Congress, the courts, the bureaucracy, interest groups, the media, political parties, political beliefs and behavior, civil rights and civil liberties.

**5590 History of Ancient/Modern Warfare** Fall Semester Course – Sophomore/Junior/Senior Elective

This course is designed to give students a survey of the History of Warfare. It will trace the development, character, historical aspects of military exploits of both combatant and non-combatants in world theaters, Students will follow the broad development of a historical genre, and it affect upon historical interpretation, while gaining in-depth knowledge about key battles in the world. The course is designed to expose students to the historical perspective warfare had to those who participated in it, or had been affected by it and to seek a moderate perspective.

***This course is not UC/CSU approved.***

**5583 AP Psychology** Year Course – Sophomore/Junior/Senior Elective

**Prerequisites:** *3.3 weighted academic GPA or Teacher approval*

Explore the ideas, theories, and methods of the scientific study of behavior and mental processes. You'll examine the concepts of psychology through reading and discussion and you'll analyze data from psychological research studies. The class will connect psychological concepts and theories to real-life scenarios.

# THEOLOGY DEPARTMENT

**1102 CP Theology 1 – Encountering Christ, the Word** Year Course - Required for graduation  
**The Revelation of Jesus in Scripture – 1<sup>st</sup> Sem.**

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, how it was formed, and its value to people throughout the world. They will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels where they will be introduced to the person of Jesus.

**Who is Jesus Christ? – 2<sup>nd</sup> Semester**

The purpose of this course is to introduce students to the Mystery of Jesus Christ, the Living Word of God, the second person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

**1202 CP Theology 2 – The Mission of Christ** Year Course - Required for graduation  
**The Paschal Mystery and the Church**

Students will build on and deepen theological concepts about the person of Jesus Christ learned in the freshmen year. The first semester of Theology 2 explores major themes in salvation history, drawing from both the Hebrew Scriptures and the New Testament. Building on notions of original sin and covenant, the course will then turn to an in-depth exploration of the Paschal Mystery through careful study of Scripture and Church documents. The semester ends by examining the call to discipleship in the Church and each individual's life. The second semester of Theology 2 builds on the theme of discipleship for a close examination of the Church and its continuation of the mission of Christ. Students will explore the nature and meaning of the Church and therein trace developments in its understanding of Jesus. This will include examination of the Church councils and its response to questions of orthodoxy. The course concludes by exploring the questions: Why Catholic? And What are the challenges facing our Church community?

**1302 CP Theology 3 – Life in Christ** Year Course - Required for graduation  
**1352 HP Theology 3 – Life in Christ** Year Course

**Prerequisite:** *Evaluation of the student based on cumulative GPA, current grades and teacher recommendation.*

This course asks: what does it mean to live a Christian life? Building on what students have learned through their encounter with Christ in Scripture and in the teachings of the Church, these semesters explore grace in our everyday lives and the moral life we choose to live as a response to God's love. The first semester focuses on the Sacraments as the official and special moments of grace in our spiritual lives, while the second semester focuses on defining and applying the moral law for Christian life.

**1401 CP Critical Reflections** Year Course - Required for graduation  
**Critical Reflections – 1<sup>st</sup> Semester**

Critical Reflections on the Theory of Knowledge in Philosophy and Theology, takes the motto of Servite High School: "I believe so that I may understand" as the necessary background for examining critical thinking habits which inform faith. The course introduces the student to epistemology, the theory of knowledge, and the way truth claims are made. Socio-political & moral philosophy theories are studied to examine the implications of morality for social living. Students are invited to critically examine these theories in light of the Gospel.

**World Religions – 2<sup>nd</sup> Semester**

Critical Reflections on the World's Religions is a survey of the doctrines, scriptures, rituals, history and daily religious life of the religions of the East. This complements the extensive study students have already completed in Christianity and Judaism. This course focuses on the religions of Hinduism, Buddhism, Islam and the religious traditions of China and Japan. The course is designed to provide the factual knowledge base necessary for critical thinking about the world's religions. Students are afforded the opportunity to appreciate the universal search for the Divine & the expression of

**1451 HP Critical Reflections**

Year Course

**Prerequisite:** *Evaluation of the student based on cumulative GPA, current grades and teacher recommendation.*

Critical Reflections on the Theory of Knowledge in Philosophy and Theology, takes the motto of Servite High School: "I believe so that I may understand" as the necessary background for examining critical thinking habits which inform faith. The course introduces the student to epistemology, the theory of knowledge, and the way truth claims are made. Once this portion of the course is completed, the class explores what faith is and how man comes to knowledge of faith. Theology, defined as "faith seeking understanding," establishes a means by which students can understand faith within the context of a Christian conversion that is affective, moral, and intellectual. Students reflect on the existence of the God of Jesus Christ and the way He can be met in life. Key Catholic theological teachings are explored.

**1460 Campus Ministry: Principles of Discipleship**

Year Course – Sophomore/Junior/Senior Elective

This class will instruct young men how to effectively live out the precepts of the Gospel through examining effective principles of ministry & evangelization. Students will understand the thresholds of discipleship, how to form and present a testimony, structure the liturgy, and implement retreats and meaningful opportunities of service. Students will be challenged to grow in accountability and understand the charisms of the Holy Spirit to take action in ministry settings after high school

***This course is not UC/CSU approved*****7595 Formation Priory**9<sup>th</sup>-12<sup>th</sup> grade class. Required for graduation

## CHRISTIAN SERVICE PROGRAM

**Participation required for graduation.**

It is important that Christian service hours come from several different sources. We welcome hours that can be performed on campus, but we also stress the importance of hours that are served off-campus as well. It is important to perform service in your parish or faith-based community as well as your local civic community.

Please contact the Campus Ministry team with any questions regarding service hours and opportunities. All Servite students are required to complete:

- 30 hours in freshman year
- 30 hours in sophomore year
- 20 hours in junior year
- 20 hours in senior year

**100 total hours required for graduation**

*Servite High School admits students of any race, color, religious or ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at the school. The school does not discriminate on the basis of race, handicap, color, or national/ethnic origin in the administration of its educational or admission policies, scholarship and loan programs, and athletic and other school administered programs.*

Last Revised: March 2021