

Bishop Amat Memorial High School

2023-2024

Course Catalog and Registration Procedures



Registration Periods

Class of 2026	January 18 – February 8
Class of 2025.....	March 20 – April 5
Class of 2024.....	February 15– March 15

Academic Counselors

Mrs. Patricia Hatfield.....	Extension 7711
Mrs. Teri George	Extension 7404
Mr. Jeff Tintle	Extension 7422
Mrs. Eugenia Yrene	Extension 7416

2023-2024 COURSE REGISTRATION PROCESS

It is essential that parents and students are familiar with the following steps in the 2023-2024 course registration process:

STEP 1:

Counselors will meet with students during homeroom and through individual conferences to discuss class selections and provide students with:

- A copy of their unofficial transcript
- A replica of the 2023-2024 Registration Form (to be used as a worksheet)
- 2023-2024 Billing/Computer Information Form

STEP 2:

Students will meet individually with their school counselor and select courses in consultation with their parents. Students will be provided with the actual 2023-2024 Registration Form. In addition to obtaining a parent's signature on the form, students must get all other necessary signatures if any of their selected courses require them. Some courses also require a permission form to be signed by parents (primarily Honors and AP/IB courses).

STEP 3:

- Students return the following to their counselor by the due date listed below:
- Completed Course Registration Form (with parent signature)
 - Course approval forms (if applicable)
 - Completed Billing / Computer Information Form

The deadline for submission of the course registration/course approval/billing information forms is as follows:

Freshmen to be Sophomores FEBRUARY 8
Juniors to be Seniors..... MARCH 15
Sophomores to be Juniors.....APRIL 5

STEP 4:

All parents (regardless of grade) will be billed Registration Fee - Part I (\$350) in February. This is due by April 6. In June, the Registration Fee - Part II (\$550) will be billed to all student accounts. This fee covers the purchase of Grand Raffle tickets. It offsets the cost of various student services throughout the year (student activities, campus ministry, athletics, student planner, summer reading, and yearbook). No student will be considered registered for the 2023-2024 school year until all Registration Fees are paid.

PLEASE NOTE REGARDING LATE REGISTRATION

Registration Fee - Part I is due April 6. After April 6, late Registration I will be \$400. After May 1, late Registration I will be \$450. Please be prompt with your payment to avoid late fees!

The school needs accurate information concerning the number of students planning to return to Bishop Amat, as the number of returning students affects both the hiring of teachers and the number of classes that will be offered to students. Bishop Amat High School does not predetermine the number of classes offered; our master schedule is based on the number of students who register following the process described above. Students who fail to submit completed course registration forms to their counselor by the established class deadlines will be unable to designate any alternate courses on their registration form and will be severely limited in the electives in which they may enroll. While counselors will enroll students in courses as needed to fulfill graduation requirements, students will forfeit the privilege of making elective course selections based on personal or future interests.

COURSE APPROVAL PROCESS

Counselors will be checking prerequisites and approving students for classes. Some course listings indicate a teacher recommendation or department approval before registering. The Department Chairs listed below will provide information regarding such courses. Students who do not meet a course prerequisite but wish to gain special consideration, must obtain the approval of the appropriate Department Chair listed below:

Business / Computers:	Mrs. Wei	Social Studies:	Mr. Canales
Theology	Ms. Pfiester	World Languages:	Mrs. Salcedo
English:	Mr. Rodriguez	Office Aide:	Mrs. Salcedo
Science:	Mr. Flores	Mathematics:	Mrs. Brock
Visual and Performing Arts:	Mrs. Fortner	Physical Education:	Mr. Hoggatt

STUDENT SCHEDULE CORRECTIONS

Schedule corrections may be made only in the first two weeks of a semester (or the date designated in Lancer Life). Any student who wishes to request a class change after the first two weeks of the semester must have the approval of the Assistant Principal, Academics.

A student's schedule may be changed for the following reasons:

- a course has been incorrectly scheduled
- a graduation requirement has not been met
- there is a conflict in the student's schedule
- the college to which the student has applied has specific entrance requirements
- the student has failed one semester of a two-semester course due to lack of ability
- a schedule change is required for disciplinary or administrative reasons

Students and their parents are advised to seriously consider the courses for which they register as schedule changes will generally **NOT** be made for the following reasons:

- a general preference for one teacher over another
- a determination that a particular course is no longer of personal interest
- a determination that a course requires too much additional work outside of class time. This applies specially to honors, AP and IB courses.

ACADEMIC REQUIREMENTS FOR GRADUATION

Students earn a diploma from Bishop Amat High School by fully completing the following minimum graduation requirements of 270 credits:

Theology	40 credits	Visual and Performing Arts	10 credits
English	45 credits	Physical Education	10 credits
Social Studies	30 credits	Computer Science	5 credits
Mathematics*	30 credits	Electives	60 credits
Science**	20 credits	Health Requirement	Pass
Foreign Language	20 credits		

* must include Algebra I and Geometry

** must include Biology and Chemistry

SEMESTER FAILURES

All semester failures must be made up in Summer School at Bishop Amat during the following summer. Students may not be allowed to return to Bishop Amat High School in August if semester failures have not been resolved through Summer School attendance.

HONORS COURSES

Honors classes are college preparatory courses that prepare students for even more advanced courses, such as those found in the Advanced Placement and International Baccalaureate programs. Honors courses treat the same topics as the regular college preparatory courses, but in more depth and detail and with more precision demanded from students. These courses focus on the method of discipline, comprehension, and use of its principles, and on the development of the student's ability to analyze, synthesize, criticize and communicate. Honors courses are granted positive weighting in computing a student's Bishop Amat Cumulative GPA.

ADVANCED PLACEMENT (AP) and INTERNATIONAL BACCALAUREATE (IB)

Students interested in enrolling in AP and/or IB courses should demonstrate a high level of academic motivation and performance by meeting all specific course prerequisites. AP and IB courses are taught in high school at the college level. They prepare students to sit for a nationally or internationally administered examination in that course. Students may earn college credit for these courses based on their performance and the specific college's admissions policies. All students enrolled in AP or IB courses are required to take the examinations associated with the courses and will be charged an extra fee for each of these examinations.

Approximate Fees: AP - \$95 / IB - \$119.

In addition to the positive weighting of Honors, AP, and IB courses in computing a student's GPA, college admissions officers often give added significance to the presence of such courses on a student's high school transcript. They consider students who take these courses to be more highly motivated and more thoroughly prepared to succeed in college. Once registered for an AP or IB course, students will not be permitted to drop the course for any reason without the approval of the Assistant Principal, Academics. Students are therefore encouraged to speak to their counselors and department chairs regarding Honors and AP classes. Students must meet with the IB

Coordinator prior to registering for participation in the IB Diploma Program.

The following Advanced Placement courses are projected to be offered during the 2023-2024 school year:

AP Art History	AP Computer Science A	AP Physics 1
AP Biology	AP English Language	AP Psychology
AP Calculus AB	AP English Literature	AP Spanish Language and Culture
AP Calculus BC	AP European History	AP Studio Art
AP Chemistry	AP Human Geography	AP U.S. Government
AP Computer Science Principles	AP Macroeconomics	AP U.S. History

The following International Baccalaureate Diploma Programme courses are projected offerings for 2023-2024:

Group I:	English Higher Level I	English Higher Level II
Group II:	Spanish Higher Level I	Spanish Higher Level II
	French Higher Level I	French Higher Level II
	Latin Higher Level I	Latin Higher Level II
Group III:	History of the Americas HL I	History of the Americas Higher Level II
	Economics Standard Level	
Group IV:	Sports, Exercise & Health Sciences SL	
Group V:	Mathematics: Analysis and Approaches SL	
Group VI:	Visual Arts Standard Level	
Core	Theory of Knowledge	

Descriptions and requirements for each AP and IB course are included in the corresponding department sections of the course catalog.

UNIVERSITY OF CALIFORNIA ACADEMIC REQUIREMENTS

To be eligible for admission to the UC as a freshman, a student must meet: 1) subject requirements, 2) scholarship requirements, and 3) examination requirements. To satisfy the subject requirements, students must have successfully completed a specific sequence of high school courses. To be accepted by the UC, these courses must appear on the certified course list of the high school where the course is taken. A course must appear on the transcript as it appears on the certified list. At least 7 of the required units must be taken in the last two years of high school. For further information, students are advised to see their counselors.

UC Requirements (a "C" or better in):

- History/Social Science (2 years): World History (1 year); U.S. History/Govt. (1 year)
- English (4 years)
- Mathematics (3 years): Algebra I, Algebra II, Geometry; 4 years recommended
- Laboratory Science (2 years): must include 2 of the following: Biology, Chemistry, Physics
- Foreign Language (2 years); 3 years recommended
- Visual or Performing Arts (1 year)
- College Prep Electives (1 year): must be college prep courses from the subjects of History, English, Math, Lab Science, Foreign Language, Social Studies, or Visual/Performing Arts

CALIFORNIA STATE UNIVERSITY ACADEMIC REQUIREMENTS

The CSU system requires the following course pattern for incoming Freshmen students (a "C" or better in):

- English (4 years)
- Mathematics (3 years): Algebra I, Algebra II, Geometry
- Social Studies (2 years): 1 year US History/Govt; 1 year from A or G subject areas described above under UC Requirements.
- Science (2 years): including successful completion of Chemistry (C grade or higher)
- Foreign Language (2 years in same language)
- Visual or Performing Arts (1 year)
- Electives (1 year): using the same subjects described above under the G requirement.

Both UC and CSU systems require that students complete each required course with a C grade or better. Students who earn D or F grades in these subjects should attend summer school to rectify those grades; otherwise, they are treated as omissions by the UC and CSU systems. Only Honors, AP, or IB courses that are underlined in course descriptions section of the catalog are weighted for UC and CSU GPAs.



COURSE DESCRIPTIONS

The following course descriptions are provided for students and parents as a tool for selecting appropriate classes for the 2023-2024 school year. When making selections, students are advised to pay particular attention to course prerequisites, summer assignments, or additional purchases/fees associated with specific courses.

BUSINESS and COMPUTER SCIENCE DEPARTMENT

ACCOUNTING – CONCEPTS, PROCEDURES, AND SIMULATIONS (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITE: Grade of B in Algebra A/B/C or C in Algebra I

This course addresses the needs of students who want a strong foundation in fundamental accounting theory and procedures and computerized accounting systems. This course is recommended for any student considering business as a college major. This class is comparable to an entry-level college accounting course. Students will learn to journalize, post transactions, and prepare income statements and balance sheets. Check writing and bank reconciliation are covered for a sole proprietorship and partnership business.

The second semester deals with corporations, covering payroll procedures and business tax payments.

INTRODUCTION TO BUSINESS (CSU/UC)

(one semester; Juniors and Seniors)

This course provides an introductory study of business and its functions, background, development, organization, and opportunities. Terms, current trends, case studies, current business practices, career opportunities in the world of business, and managing personal business are covered. Various business concepts such as marketing, finance, management, social responsibility, and business ethics are explored. This course is recommended for students considering Business as a major in college or those interested in understanding personal financial management.

DIGITAL LITERACY (CSU/UC)

(one semester; Freshmen, Sophomores, Juniors, and Seniors)

This course is designed to provide students with foundational skills in keyboarding, Internet/Google search skills, media literacy, cybersecurity, and multimedia applications. Students learn valuable applications of the MLA style of reference citations in addition to copyright, legal, and online safety issues. The aim of this course is to train students in the use of technology as a 21st century fundamental skill beneficial for occupational and educational readiness. This course meets the Computer Science requirement for graduation.

BUSINESS ANALYSIS W/ EXCEL (CSU/UC)

(one semester; Freshmen, Sophomores, Juniors, and Seniors)

PREREQUISITE: C in Digital Literacy

The main purpose of this course is to give students the ability to add analysis capabilities to Excel/Google Sheet. The areas of focus include applying formulas and advanced financial functions, graphs data to analyze trends, the use of analytical tools to generate reports, importing and manipulating data and other features especially useful to the financial or data analysis professional.

WEB DESIGN (CSU/UC)

(one semester; Freshmen, Sophomores, Juniors and Seniors)

PREREQUISITE: B in Digital Literacy

This course is designed to provide students with basic proficiency in web design skills including HTML 5, CSS3, JavaScript, App development, graphic design, web 2.0, and the e-business marketing concepts. This course aims to provide students with the skills to evaluate, implement, and apply technology in any Web and App development career.

GAME DESIGN (CSU/UC)

(one semester; Sophomores, Juniors and Seniors)

PREREQUISITES: B in Web Design I and C or higher in Algebra II

Game Design teaches students the anatomy of a game. Students learn what games are, the elements of game design, and learn by building their own simple games. In addition to making games, students will also need to study animation, character building and story development for game making.

AP COMPUTER SCIENCE PRINCIPLES (CSU/UC)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITES: 3.0 overall GPA; Dept. Chair approval required. B in Dig. Lit. and B in Geometry / B- in Honors Geometry

This course is designed to introduce students to the central ideas of computing and computer science (CS). Students will develop computational and critical thinking skills through engagement in activities that emphasize the creative aspects of CS. Writing is an integral component of the curriculum via portfolios, journals, technical writing activities and performance tasks.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

AP COMPUTER SCIENCE A (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITES: 3.25 overall GPA; Dept. Chair approval required. B in Dig. Lit. and B in Geometry / B- in Honors Geometry

This course is designed to introduce students to the central ideas of computing and computer science (CS). Students will develop computational and critical thinking skills through engaging in activities emphasizing CS's creative aspects. Writing is an integral component of the curriculum via technical writing activities and performance tasks. Students must submit a portfolio to the College Board site to present their programming, documentation writing, and analytical skills. Students will also take the AP exam at the end of the school year.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

PERSONAL FINANCE (CSU/UC)

(one semester; Sophomores, Juniors and Seniors)

Learn to take charge of your personal finances instead of letting your money control you. Students will learn to make responsible decisions regarding money management and investment strategies to achieve financial independence. Topics will include budgeting, banking, consumer spending, credit and installment loans, payroll and taxes, purchasing/leasing cars, real estate ownership, insurance, investing in stocks, bonds and mutual funds, and portfolio management.

DIGITAL MARKETING THROUGH SOCIAL MEDIA (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITES: B in Intro to Business OR B in Web Design OR Department Chair, Counselor, or Assistant Principal of Academics approval required

Digital Marketing Through Social Media is a course designed to prepare students for the creation of effective social media marketing campaigns and business plans. Students will explore the history of the internet and the explosion of social media through inquiry-based research. Students will build a positive digital footprint, learn about communication norms using various communication platforms and social networking sites, and practice strategies for keeping themselves safe online.

This course is designed to provide students with a general background in digital marketing by examining Social Media platforms such as Facebook, Instagram, Twitter, etc. Students will be exposed to the fundamental concepts and principles of the digital experience, focus on the learning tools and skills necessary for solving business problems, and develop marketing opportunities. This course will provide practical experience in, but not limited to, eCommerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, and mobile media.

DIRECTED LAB STUDY

(one semester; Juniors and Seniors)

PREREQUISITES: 3.0 overall GPA; Department Chair, Counselor and Assistant Principal approval required

This course is designed for students to assist the school's Information Technology (IT) department staff in addressing various technology-related issues on campus. Evaluation in this course is on a Credit/No Credit basis.

INTRODUCTION TO QUANTUM COMPUTATION (CSU/UC)

(one year; Sophomores, Juniors and Seniors)

PREREQUISITE: C in Geometry

Introduction to Quantum Computation is an after-school online course developed by IBM and will be taught online by Dr. Akshay Agarwal - MIT, Ph.D. Electrical Engineering and Computer Science.

This course is designed for students to build a strong foundation in metrics calculation, learn about quantum mechanics, utilize python language for running quantum simulations and familiarize themselves with quantum algorithms and experience how to apply quantum computation in finance, cyber security, biology, and chemistry.

The class is a 1 ½ hour weekly lecture online with 1 hour required weekly lab session.

The grade is based on the lab session attendance and homework completion. This class is an Independent Study Elective course with support and supervision from the CS department.

Evaluation in this course is on a Credit/No Credit basis.

INTRODUCTION TO ARTIFICIAL INTELLIGENCE (CSU/UC)

(one year; Sophomores, Juniors and Seniors)

PREREQUISITE: C in Geometry

Throughout the whole year, students will learn everything they need to know, from basic linear algebra and probability to Python coding basics. They will also spend time exploring foundational machine learning models and algorithms, discussing bias and the future applications of AI and ML. By the end of this course, students will be able to code basic ML models and understand the ML algorithms that are a driving force behind our everyday lives- from the ads, we see on Instagram to the movies Netflix recommends us to watch to self-driving cars!

The class is a 1 ½ hour weekly lecture online with 1 hour required weekly lab session.

The grade is based on the lab session attendance and homework completion. This class is an Independent Study Elective course with support and supervision from the CS department.

Evaluation in this course is on a Credit/No Credit basis.

ENGLISH DEPARTMENT

FRESHMAN COMPOSITION

(one semester; Freshmen)

This introductory course reinforces the writing process, reviewing grammar, sentence structure, and issues of logic and rhetoric so that students can craft successful paragraphs and expository essays. Students will be exposed to various types of experiential and non-fiction writing.

ENGLISH I (CSU/UC)

(one semester; Freshmen)

This course introduces the student to the various types of literature and certain literary terms in connection with this reading. Composition skills are stressed through writing performed as an outgrowth of reading and class discussion with a strong emphasis on literary analysis. This course includes instruction in vocabulary, study skills and critical reading.

SUMMER ASSIGNMENT REQUIRED

HONORS COMPOSITION AND LITERATURE I (CSU/UC)

(two semesters; Freshmen: WEIGHTED)

This course covers the material studied in English I in more depth and detail, demands more precision from students with regard to written and oral responses. Additional reading is required. This course aims to prepare students for Advanced Placement, International Baccalaureate, or Honors English courses at the sophomore, junior and senior levels.

SUMMER ASSIGNMENT REQUIRED

ENGLISH II (CSU/UC)

(two semesters; Sophomores)

This course exposes students to world literature from a variety of ethnicities, while reinforcing the study of literary genres through class examination and discussion. English basics are reviewed through student writing based on literature studies. Appropriate work in grammar, vocabulary and spelling mastery will be stressed.

SUMMER ASSIGNMENT REQUIRED

HONORS COMPOSITION AND LITERATURE II (CSU/UC)

(two semesters; Sophomores; WEIGHTED)

PREREQUISITES: B- in Honors Comp. and Lit. I or A- in English I; overall 3.5 GPA)

This course features multiple styles of writing and covers texts from around the world. It demands greater precision from students in written and oral responses. Additional reading will be done and students will be introduced to writing a research paper. This course aims to prepare students for Advanced Placement, International Baccalaureate, or Honors English courses at the junior and senior levels.

SUMMER ASSIGNMENT REQUIRED

ENGLISH III (CSU/UC)

(two semesters; Juniors)

This is a chronological survey of American Literature beginning with Native Americans and continuing through many important works of the 20th Century. There will be a focus on how historical events and major literary movements impacted American Literature. Critical writing and literary analysis will be taught and a research paper will be required.

OUTSIDE READING and SUMMER ASSIGNMENT REQUIRED

HONORS AMERICAN LITERATURE III (CSU/UC)

(two semesters; Juniors; WEIGHTED)

PREREQUISITE: B- in Hon Comp II or A- in English II

This is a chronological survey of American Literature and its major literary movements demanding a greater precision in written and oral responses than English III. This course is designed to prepare students for Advanced Placement English Literature or Honors British Literature by developing their ability to analyze, synthesize, criticize, and communicate. At least two processed essays following MLA standards will be completed each semester and a research paper will be required.

OUTSIDE READING and SUMMER ASSIGNMENT REQUIRED

AP ENGLISH LANGUAGE AND COMPOSITION (CSU/UC)

(two semesters; Juniors; WEIGHTED)

PREREQUISITES: B in Hon Comp II (or A- in Eng II with teacher recommendation/ department chair approval); overall 3.5 GPA

This course is taught at the college level. Students study literature and nonfiction and practice writing to strengthen their critical writing and reading skills. There is an intensive focus on expository and argumentative writing. Students write numerous in-class timed writing prompts, essays, responses to literature, and one research paper. Additional reading is required.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

IB ENGLISH HL 1 (CSU/UC)

(two semesters; Juniors; WEIGHTED)

PREREQUISITES: B- in Hon Comp/Lit II or A- in English II; completion of IB application process

This is the first year of a required two-year sequence that fulfills the Language A1 requirement for the IB Diploma. Students read and analyze several texts grouped by themes or genres, as selected from a list of prescribed authors. Students will gain skills in the critical examination of literary works through individual oral presentations and written examinations.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED SENIOR YEAR

ENGLISH IV (CSU/UC)

(two semesters; Seniors)

This course surveys the great masterpieces of British Literature from 400 AD to the present in their historical, cultural and literary phases. Writing based on reading and class discussion is expected. Completion of a research paper is required.

SUMMER ASSIGNMENT REQUIRED

HONORS BRITISH LITERATURE(CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: B- in Hon American Lit, B- in AP English Language, A- in English III; overall 3.3

This course is for college bound students. Students will examine, in depth and detail, the great masterpieces of British Literature. Greater precision in oral and written exercises will be required than that in English IV. Additional reading and a research paper required.

SUMMER ASSIGNMENT REQUIRED

AP ENGLISH LITERATURE AND COMPOSITION (CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: B- in Hon American Lit or B- in AP English Lang or A- in English III; (with teacher recommendation / department chair approval); overall 3.5 GPA

This course is taught at the college level. Students compose formal and informal essays following the Modern Language Association format, as well as compose multiple timed AP practice essays. A variety of literature including novels, plays, poetry, essays and supplementary material will be read. Students are required to actively participate in class and will orally present during each semester.

A culminating research paper is assigned.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

IB ENGLISH HL 2 (CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: C- in IB English HL 1

This course completes the requirements for the Higher Level IB English examination. Students completed detailed analyses and in-depth studies of selected works of fiction, drama, and poetry, with an emphasis on world literature.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

SHAKESPEARE (CSU/UC)

(one semester; Juniors and Seniors)

Students will bring three of Shakespeare's plays to life by putting on costumes and reading/performing each play in front of the class. In doing so, students will gain a greater understanding of each play, strengthen their reading and comprehension skills, and become more confident in their public speaking ability. There will be a focus on Shakespeare's life, the

Globe Theater, Elizabethan culture, and Middle English vocabulary. Through the reading/performance of the play, class discussions, lectures, viewing of stage productions/movies, and various writing assignments, students will learn to enjoy and appreciate Shakespeare's works and understand the impact that his plays made on the modern world.

THE SHORT STORY (CSU/UC)

(one semester; Juniors and Seniors)

This course is designed for students who enjoy reading short stories. Students will read, watch, and listen to a variety of stories by well-known and lesser known authors. Mysteries, detective, science fiction, and tales of fantasy will be included in addition to more conventional themes. Students will practice writing on theme, setting, characterization, and narrative style. Students will learn to write a short story. Participation in discussions based on reading and individual oral presentations are expected of students.

LITERATURE AND FILM (CSU/UC)

(one semester; Juniors and Seniors)

This college preparatory elective is designed to focus on the interdisciplinary relationship between literature and film. Students will critique important works of literature and their cinematic adaptations and demonstrate proficiency in analysis of both literature and film through oral and written formats. Students will view films, take notes, and write responses about film and demonstrate the ability to understand film as a unique medium of expression with its own language, history and development. Outside reading is required.

LITERATURE OF SPORT (CSU/UC)

(one semester; Sophomores, Juniors and Seniors)

This college preparatory course focuses on the interdisciplinary relationship between literature and sport. Students critique, analyze, investigate and study from a literary perspective, the experience of sport. Students will examine the characteristics of various modes of discourse including: the novel, non-fiction, essay, short story, poem and film. Through expository writing and exams, they will demonstrate their understanding of sport, as a reflection of history and changing social concerns.

JOURNALISM (CSU/UC elective)

(two semesters; Sophomores, Juniors and Seniors)

Journalism is a hands-on course in which students will learn the basics of news writing, editing and design, journalism history and theory. Students will participate in publishing Amat's online newspaper, THE LANCE, and contribute to the weekly LANCERS IN THE NEWS production.

CREATIVE WRITING (CSU/UC elective)

(one semester; Juniors and Seniors)

This course is designed for students interested in creative writing. It will provide students with an opportunity to write their own fiction stories, creative nonfiction, comic books, and poetry while studying the craft of each genre. Reading from a prepared list will be required. Students will keep a writing journal and share work with peers. A writing portfolio of the student's best work is required.

SPEECH (CSU/UC)

(one semester; Sophomores, Juniors and Seniors)

This course aims to acquaint the student with various aspects of effective speaking, listening, and writing skills with an emphasis on critical thinking. Opportunity is provided to develop self-confidence in the delivery of a short speech. This course is highly recommended for students who wish to improve their oral communication skills and techniques.

POETRY & COMPOSITION (pending CSU/UC)

(one semester; Juniors and Seniors)

This course is designed for students interested in contemporary poetry. It will provide students with an opportunity to read and analyze poetry from diverse, living poets in order to enrich their own skills. Students will create their own collections of poetry and be introduced to publishing opportunities in high school journals.

FAMILY AND CONSUMER SCIENCES DEPARTMENT

CLOTHING IA (CSU/UC VAPA elective)

(One semester; Sophomores, Juniors and Seniors)

This course provides students with an introduction to basic apparel design and construction skills. Students will develop an awareness of fabrics, patterns, sewing machine operation and various sewing techniques used in quality clothing construction, explore the history and development of apparel, and apply color theory and elements and principles of design while creating their own articles of clothing and accessories. Projects include a hand-sewing craft, an up-cycled t-shirt bag, a lined tote bag, and pajama pants/shorts. Students purchase their own supplies and fabrics for the tote bag project and the pajama pants project.

MATERIALS FEE CHARGED

CLOTHING I (CSU/UC VAPA)

(Two semesters; Sophomores, Juniors and Seniors)

Clothing I will provide students with an introduction to apparel design and construction skills. Students will become familiar with hand-sewing techniques, sewing machine and serger machine operation, and basic and intermediate apparel construction skills needed to complete a garment from start to finish. Multi-level sewing techniques include taking accurate body measurements, hand-sewing stitches, seam construction, sewing darts, zipper insertion, and hemming. Students will explore the history and development of apparel, and apply color theory and elements and principles of design, while creating their own articles of clothing and accessories. Projects include a hand-sewing craft, an up-cycled t-shirt bag, a lined tote bag, pajama pants / shorts, a zipper bag, a skirt or hooded jacket or top, and a garment of your choice. Students purchase their own supplies and fabrics for the major projects.

MATERIALS FEE CHARGED

CLOTHING II (CSU/UC VAPA)

(Two Semester; Sophomore, Junior, Senior)

PREREQUISITE: Successful completion of Clothing I

In Clothing II students will further explore the historical and cultural influences on fashion and apparel, explore the application of elements and principles of color and design in garments, and continue their understanding of how garments are designed through the use of advanced sewing construction techniques and different types of fabrics. Major projects will focus on the use of a variety of fabrics- such as knit, nap, and plaid fabrics. Students will complete five apparel or accessory projects, and create a portfolio of advanced sewing construction technique samples. Students will also explore career opportunities within the Fashion & Merchandising Industry. Students purchase their own supplies and fabrics for the major projects.

MATERIALS FEE CHARGED

FASHION DESIGN, TEXTILES AND APPAREL (CSU/UC VAPA)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITE: Successful completion of Clothing I recommended

This course is designed to provide students with foundational knowledge for careers in fashion design, textile design, manufacturing and merchandising. Concepts explored include the elements and principles of fashion design, color theory, historical fashion trends, textile design, creating custom apparel, and apparel analysis. Students in this course will use elements and principles of design to analyze other designers' works in addition to creating their own original designs.

MATERIALS FEE CHARGED

CHILD DEVELOPMENT I (CSU/UC elective)

(Two Semesters; Sophomores, Juniors and Seniors)

Child Development is a course in which students gain and apply theoretical knowledge of the developmental stages of children from the prenatal period through age seven, as well as an awareness of the many responsibilities of parenthood. Topics include parenting, pregnancy, prenatal life, childbirth, heredity and environmental factors, and the evolving physical, social-emotional and intellectual development of infants, toddlers, pre-school, and school age children. Throughout the course, students will research and demonstrate developmentally appropriate responses, practices and activities that can be used by parents and care givers to aid in the development of the child at various ages. Students who are planning to major in Child Development in college, or who wish to further their understanding of children, should consider this course.

MATHEMATICS DEPARTMENT

Students at Bishop Amat typically progress through the mathematics curriculum in one of the following ways (listed below). Incoming freshman students are placed into their first math class at bishop Amat by taking the Math Placement Test, regardless of the last course taken in middle school*. Students who achieve high marks can accelerate their path by taking summer school courses**.

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
TO GRADUATE			
PreAlgebra/ Algebra A	Algebra BC	Geometry	(Recommended) Algebra 2 or Intermediate Algebra
COLLEGE PREPARATORY**			
Algebra I	Geometry	Algebra 2	Math Analysis or Adv. Alg./Trig
HONORS COLLEGE PREPARATORY**			
Hon Algebra I [^]	Hon Geometry	Hon Alg 2/Trig	Hon Math Analysis or IB Math SL
ADVANCED COLLEGE PREPARATORY			
Hon Geometry	Hon Algebra 2/Trig	Hon Math Analysis IB Math SL	IB Math SL or AP Statistics or Statistics or AP Calculus AB or AP Calculus BC
Hon Algebra 2/Trig	Hon Math Analysis	IB Math SL AP Calculus AB AP Calculus BC	AP Calculus AB AP Calculus BC Differential Equations

* Many 8th grade "Algebra 1" courses do not comprehensively cover the Common Core Standards of high school Algebra 1; topics covered should include solving equations and inequalities (including absolute value), graphing and solving linear equations and inequalities, solving linear systems of equations, properties of exponents and exponential functions, root functions and radical expressions, operations with polynomials, and graphing and solving quadratic functions including factoring quadratics in various forms.

** Students wishing to take AP Calculus AB/BC or AP Statistics in their senior year that begin in Algebra 1 or Honors Algebra 1 are encouraged to take either Geometry between Freshman and Sophomore year OR Algebra 2 between Sophomore and Junior year. Teacher recommendation is required.

[^] Students who test into Honors Algebra 1 can also take a pre 9th summer school session of Advanced Algebra to enter Honors Geometry with a grade of B or higher.

PREALGEBRA /ALGEBRA I-A (CSU / UC for Algebra IA)

(two semesters; Freshmen)

PREREQUISITE: Enrollment determined by Placement Exam scores and Summer School Math Foundations course.

Designed for students who need mathematics taught at a slower pace, this course is designed to provide students with a strong foundation for success in Algebra I. Algebra I content begins in the second semester and continues through the sophomore year.

ALGEBRA I-B/ALGEBRA I-C (CSU/UC)

(two semesters; Sophomores)

PREREQUISITE: D or better in Algebra IA

This course completes the Algebra I ABC sequence begun during the freshman year.

ALGEBRA I (CSU/UC)

(two semesters; required of Freshmen not in Prealgebra or Geometry)

PREREQUISITES: 8th Grade Placement Examination; Summer School Algebra Fundamentals course, if required for placement.

This is a beginning course in Algebra to which all incoming freshmen are assigned. The course covers the real number system, basic algebraic operations, factoring techniques, rational equations, and second-degree equations. Select freshman students may test out of Algebra I based on scores earned on the Math Placement exam given in May.

HONORS ALGEBRA I (CSU/UC)

(two semesters; select Freshmen)

PREREQUISITES: 75% and above on the Math Placement Exam or 90% in Summer School Beginning Algebra course

This course offers the first year of Algebra, which focuses on reasoning symbolically. This is a fast paced course in which students will be expected to have a strong foundation of basic mathematical and algebra concepts which were mastered in middle school math classes. The first semester emphasizes linear expressions, functions, equations and inequalities, including linear systems. The second semester explores a variety of functions, including exponential, quadratic, radical, and rational functions and equations.

T184 GRAPHING CALCULATOR REQUIRED; SUMMER ASSIGNMENT REQUIRED

GEOMETRY (CSU/UC)

(two semesters; required of Sophomores not in Algebra I-C)

PREREQUISITE: D or higher Algebra I

This course examines the properties of angles, triangles, parallelograms, polygons and circles.

HONORS GEOMETRY (CSU/UC)

(two semesters; Sophomores; WEIGHTED)

PREREQUISITES: A- in Algebra I, B- in Honors Algebra I

This course covers Geometry in a more in-depth manner. Emphasis is placed on postulates, logic and a deductive system.

This is an honors course for those students interested in pursuing a mathematical or scientific major in college.

INTERMEDIATE ALGEBRA

(two semesters; Juniors and Seniors)

PREREQUISITES: Successful completion of Algebra and Geometry

This course is designed to satisfy the third year of the math graduation requirement. This course will cover critical thinking skills, sets, logic, systems of numeration, number theory, and a review of algebra and geometry concepts.

ALGEBRA II (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITES: C in Algebra I and C- in Geometry. Seniors must take Algebra Review in Summer School and obtain a B or better to qualify.

This course covers more advanced topics of Algebra. This course is intended for students planning to attend a four-year college.

T184 GRAPHING CALCULATOR REQUIRED

ADVANCED ALGEBRA with TRIGONOMETRY (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITE: C in Algebra II

This course covers topics in advanced algebra and trigonometry to prepare students to succeed in college math courses.

Subjects covered include: mathematical modeling, functions and their graphs, trigonometry, analytical trigonometry, vectors, matrices, mathematical induction, and probability.

T184 GRAPHING CALCULATOR REQUIRED

HONORS ALGEBRA II/ TRIGONOMETRY (CSU/UC)

(two semesters; Sophomores, Juniors; **WEIGHTED**)

PREREQUISITES: B in Honors Algebra and B in Honors Geometry, or A- in Algebra 1 and A- in Geometry

This accelerated course covers concepts of Algebra II in greater depth and includes an introduction to the concepts of Trigonometry.

Course work demands that computations be done with speed and accuracy. Strong emphasis is placed on understanding the structure and processes of mathematics.

T184 GRAPHING CALCULATOR REQUIRED

MATH ANALYSIS (CSU/UC)

(two semesters; Juniors or Seniors)

PREREQUISITES: B- in Algebra II or C- in Hon Algebra II/ Trigonometry

This course covers advanced topics from algebra and trigonometry, with an increased emphasis on graphing and applications. We explore polynomial functions, rational, power, and root functions, exponential and logarithmic functions, systems of equations, and trigonometry. Math Analysis is recommended for students whose college majors will require calculus, or in preparation for AP Calculus AB, Statistics, or AP Statistics.

T184 GRAPHING CALCULATOR and SUMMER ASSIGNMENT REQUIRED

HONORS MATH ANALYSIS (CSU/UC)

(two semesters; select Juniors, Seniors; **WEIGHTED**)

PREREQUISITES: A- in Algebra II with mandatory summer school trigonometry or B- in Honors Algebra II/Trigonometry

This is a fast-paced course whose purpose is to prepare students for AP Calculus AB or AP Statistics. This course covers advanced topics from algebra and trigonometry, with an increased emphasis on graphing and applications. We explore polynomial functions, rational, power, and root functions, exponential and logarithmic functions, systems of equations, and trigonometry.

T184 GRAPHING CALCULATOR and SUMMER ASSIGNMENT REQUIRED

IB MATHEMATICS SL (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITES: B in Honors Algebra II/Trig or A- in Algebra II or B- in Math Analysis or C in Honors Math Analysis

This course offers a one-year study of mathematics for students with a solid background in algebra and geometry. Course topics include: logarithms; sequences and series; linear and quadratic functions and equations; binomials; arcs and sectors; trigonometry; functions and calculus; vectors; and probability/ statistics.

T184 GRAPHING CALCULATOR, ADDITIONAL INSTRUCTIONAL TIME and IB EXAM REQUIRED. EXAM FEE CHARGED

AP PRECALCULUS (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITES: A- in Algebra II with mandatory summer school trigonometry or B- in Honors Algebra II/Trigonometry

AP Precalculus will prepare students for other college-level mathematics and science classes. The skills learned in this course are foundational not only for success in required college math courses, but also for careers in math, physics, biology, health science, data science, and social science. The class consists of four units: Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric and Polar Functions, and Functions involving Parameters, Vectors, and Matrices. Through these units, students will gain a deep conceptual understanding of functions and their graphs, learning how to model and interpret models of functions. By the end of the course, the student will have established a strong foundation of higher math skills.

T184 GRAPHING CALCULATOR REQUIRED

STATISTICS (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITE: B in Algebra II or C in Honors Algebra II/Trigonometry or B- in Math Analysis or C in Honors Math Analysis

This course is designed for students who plan on college majors requiring Statistics. The purpose is to develop enough familiarity with the subject to enable success in a college-level Statistics I class. This course covers the basic principles of descriptive statistics, exploratory data analysis, experimental design, sampling techniques, probability, binomial distributions, significance testing, estimation, and fitting models to data.

T184 GRAPHING CALCULATOR REQUIRED

AP STATISTICS (CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: B in Math Analysis or B- in Honors Math Analysis or B- Mathematics IB SL

This class is intended for students who plan on college majors requiring Statistics. This course entails an in-depth exploration of the principles of descriptive statistics, exploratory data analysis, experimental design, sampling techniques, probability, binomial distributions, significance testing, estimation, and fitting models to data.

T184 GRAPHING CALCULATOR and SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

AP CALCULUS AB (CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITES: B- in Honors Math Analysis or Mathematics IB SL or A in Math Analysis

This class is intended for those students who plan on college majors in accounting, engineering, economics, mathematics, and the physical sciences. This course covers functions, graphs, limits, derivatives, and their applications, indefinite integrals, definite integrals and their applications.

T184 GRAPHING CALCULATOR and SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

AP CALCULUS BC (CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: A- in Honors Math Analysis or C in AP Calculus AB; department chair approval

This course in the calculus of a single variable covers all topics taught in Calculus AB with additional applications of integrals, improper integrals, infinite series, parametric, polar, and vector functions, and the use of differential equations in modeling.

T184 GRAPHING CALCULATOR and SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION/HEALTH

(two semesters; required of Freshmen)

This course is designed to satisfy the Physical Education and Health requirement for graduation. The Health component is taught utilizing blended instruction/online course format. The importance of establishing and maintaining good health is emphasized through such topics as Drug Education, Substance and Alcohol Abuse, Mental, Physical and Social Health. The Physical Education component of the course introduces students to team and individual sports including Track, Basketball, Softball and Football. Students in sport-specific sections of this course will develop and refine their athletic skills related to their particular sport (ie: baseball, basketball, football, soccer, and softball)

PE DANCE/ HEALTH

(two semesters; PE credit for Freshmen only)

This course is designed to teach the fundamental elements of dance. Students develop and refine their physical condition, control of movement and technical expression through improvised and choreographed movement. Multiple dance forms such as jazz and ballet are explored. Analysis of historical and cultural connections to other art forms is studied. Students will be required to perform in front of an audience. A dance uniform, material and costume fee are required. The Health component is taught utilizing a blended instruction/online course format.

PHYSICAL CONDITIONING

(two semesters; Sophomores)

Members of the JV Football team take this course to continue their development of offensive and defensive skills essential for success on the football field. Physical conditioning and weight training are integral components of this course.

BOYS P.E. FOOTBALL

(one or two semesters; select Sophomores, Juniors and Seniors)

PREREQUISITE: Member of Boys' Varsity Football team or Head Coach approval.

This program will include classroom study of football offensive and defensive philosophies and review and analysis of football game films in addition to football practice. Physical conditioning is a part of this course.

BOYS P.E. BASKETBALL

(two semesters; select Sophomores, Juniors and Seniors)

PREREQUISITE: Member of Boys' Varsity Basketball team or Head Coach approval

This course covers the study of basketball skills, techniques and strategy. Physical conditioning is a part of this course.

BOYS P.E. BASEBALL

(two semesters; select Sophomores, Juniors and Seniors)

PREREQUISITE: Member of Boys' Varsity Baseball team or Head Coach approval

This course covers the study of baseball skills, techniques and strategy. Physical conditioning is a part of this course.

BOYS P.E. SOCCER

(two semesters; select Sophomores, Juniors and Seniors)

PREREQUISITE: Member of Boys' Varsity Soccer team or Head Coach approval. This course covers technical and tactical soccer skills. Physical conditioning is included.

GIRLS P.E. SOCCER

(two semesters; select Sophomores, Junior, Seniors.)

PREREQUISITE: Member of Girls' Varsity Soccer team or Head Coach approval. This course covers the study of soccer skills. Physical conditioning is included.

GIRLS P.E. BASKETBALL

(two semesters; select Sophomores, Junior, Seniors.)

PREREQUISITE: Member of the Girls' Varsity Basketball team or Head Coach approval

This course covers the study of Basketball skills, techniques and strategy. Physical conditioning is included.

GIRLS P.E. SOFTBALL

(two semesters; select Sophomores, Junior, Seniors.)

PREREQUISITE: Member of Girls' Varsity Softball team or Head Coach approval

This course covers the study of softball skills and strategies. Physical conditioning is included.

GIRLS P.E. VOLLEYBALL

(two semesters; select Sophomores, Juniors and Seniors)

PREREQUISITE: Member of Girls' Varsity Volleyball team or Head Coach approval

This course covers the study of volleyball skills and strategies. Physical conditioning is included.

PEP SQUAD

(two semesters; select Freshmen, select Sophomores, Juniors and Seniors)

PREREQUISITES: Member of Bishop Amat Pep Squad.

This class is designed to help pep squad members learn fundamental skills and organization for student pep rallies, support of the school's athletic teams, and select competitions.

BOYS FITNESS

(one or two semesters; Sophomores, Juniors and Seniors; not to be taken concurrently with Athletic PE)

This course emphasizes circuit and weight training, physical fitness, exercise physiology, nutrition, balance and body awareness, agility, flexibility, and coordination.

GIRLS FITNESS

(one or two semesters; Sophomores, Juniors and Seniors; not to be taken concurrently with Athletic PE)

This course is open to female students only and offers a non-competitive environment in which students may develop a total fitness program. The course promotes muscular strength, flexibility and cardiovascular endurance. Promoting a philosophy of Fitness for Life is the ultimate objective

MARCHING DYNAMICS

(two semester elective; required for all students in Marching Band and Color Guard)

Freshman students earn P.E. credit through participation in this course and must fulfill the Health requirement through summer school. Evaluation for students in grades 10-12 is on a Credit/No Credit basis. Students must take this 8th period course as a condition of their participation in Marching Band or Color Guard. Students will learn instrumental or dance technique and marching and maneuvering skills.

SCIENCE DEPARTMENT

BIOLOGY (CSU/UC)

(two semesters; Freshmen)

Biology is a laboratory science course. The course emphasizes detailed knowledge of the central concepts, principles, and basic factual material on the following topics: molecular and cellular aspects of living things, structure and function of the plants and animals, genetics, evolution, plant and animal diversity, and principles of ecological relationships.

HONORS BIOLOGY (CSU/UC)

(two semesters; Freshmen concurrently enrolled in Honors Comp. & Lit. I; WEIGHTED)

Honors Biology is a college-preparatory, laboratory-oriented study of life, including all the subject matter of a general biology curriculum. Cytology and genetics are explored in depth, as are evolution, ecology, and biochemistry. Emphasis is placed on the development of critical thinking/problem solving skills.

AP BIOLOGY (CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITE: B in Honors Chemistry or A- in Chemistry; B in Honors Biology or A- in Biology

This course is taught as a college-level introductory biology course. Content is presented in an in-depth, accelerated format. Topics include: biochemistry; molecular biology; genetics and genetic engineering; evolution; plant and animal physiology; and ecology. A major component of this course includes completion of twelve college level laboratories alternately scheduled outside of class time, such as after school or on designated Saturdays.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

IB SPORTS, EXERCISE & HEALTH SCIENCES SL(CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITES: overall 3.50 GPA, B in Honors Biology (A- Biology) & B in Honors Chemistry (A- in Chemistry)

This course involves the study of the science that underpins physical performance. The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition. Students cover a range of topics and carry out practical (experimental) investigations in both laboratory and field settings. This provides an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyse human performance. Where relevant, the course will address issues of international dimensions and ethics by considering sport, exercise and health relative to the individual in a global context.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

ANATOMY AND PHYSIOLOGY (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITE: B- in Honors Biology or B in Biology

This course offers an in-depth study of the human body. Laboratory activities allow for the development of practical skills necessary for future medically oriented professions. NOTE: Students are required to participate in all organ and cat dissections.

HONORS ANATOMY AND PHYSIOLOGY (CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITE: A- in Honors Biology or A in Biology

Designed for the college-bound student with an interest in pursuing a university or advanced education in a health-related profession, this course offers students an advanced, in-depth survey of the structure and function of the human body. The course emphasizes anatomical terminology and identification as well as physiological processes and homeostatic imbalances of the human body systems. This course requires extensive reading and memorization. Participation in research and investigations, including various organ and cat dissection, is a requirement of the course.

CHEMISTRY (CSU/UC)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITES: C in Honors Biology or Biology; C in Algebra I

This course serves as a basic introduction to the physical and chemical properties of matter and touches upon, in general, the topics encountered in a college-level general chemistry course. Laboratory experimentation and problem solving will be applied to strengthen the college preparatory student's understanding of the principles of chemistry.

HONORS CHEMISTRY (CSU/UC)

(two semesters, Sophomores, Juniors; WEIGHTED)

PREREQUISITES: B in Honors Biology or A- in Biology; A- in Algebra I

This course deals with the study of the physical and chemical properties of matter. Honors Chemistry is an accelerated course designed to further skills in independent laboratory performance and analysis. All topics studied in a general college chemistry course are covered with emphasis on deductive reasoning and mathematical skills used in chemical calculations.

AP CHEMISTRY(CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITES: B in Honors Chemistry or A in Chemistry; teacher recommendation; B in Honors Algebra II or A- in Algebra II

This course is taught as a college-level introductory chemistry class. Content is presented in an in-depth, accelerated format. Topics include: acids-bases, precipitation, redox reactions, atomic theory of matter, chemical bonding, stoichiometry, equilibrium calculations, kinetics, thermodynamics, nuclear and organic chemistry. A major component of the course is the completion of many college-level laboratories occasionally scheduled outside of class time.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

PHYSICS (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITES: C in Chemistry; C in Algebra II; prior or concurrent enrollment in Trigonometry is required.

Physics is a conceptual introduction to the fundamental concepts of motion, energy, electricity, magnetism, light and sound on macroscopic and microscopic levels.

HONORS PHYSICS (CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITES: A- in Chemistry or B in Honors Chemistry; concurrent enrollment in Math Analysis or higher

This course offers a trigonometric mathematical approach to the concepts of motion, energy, electricity, magnetism, light and sound. Study occurs on the macroscopic and microscopic levels and is more in-depth than concepts explored in the general physics curriculum. Laboratory experiments that emphasize problem-solving and critical thinking skills are fundamental to this course.

AP PHYSICS 1 (CSU/UC)

(two semesters; select Juniors, Seniors)

PREREQUISITES: A- in Chemistry or B in Honors Chemistry or B- in AP Chemistry; A- in Honors Algebra II/Trig

Taught at the college-level, this course offers students an introduction to algebra-based physics. Students explore Newtonian mechanics (including rotational dynamics and angular momentum); work; energy and power; and mechanical waves and sound. An introduction to electric circuits is included in this inquiry-based/hands-on course.

EXAM FEE CHARGED

ROBOTIC ENGINEERING (CSU/UC)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITE: C- in Algebra I

This is an introductory course that will explore, via VEX robotics equipment, relationships between the fields of science, mathematics, engineering, and technology. The class is designed to introduce students to basic concepts in robotics. The class will give students the opportunity to work in groups of a maximum of three students in lab experiments. In these experiments, students will work together in building and testing a VEX-based mobile robot.

SOCIAL STUDIES DEPARTMENT

AP HUMAN GEOGRAPHY (CSU/UC)

(two semesters; select Freshmen, Sophomores, Juniors and Seniors; WEIGHTED)

PREREQUISITES: 85% or above on Entrance Exam; A- in 8th grade English and Social Studies or A in English I/B in Hon. Eng. 1

This course is taught at the college level. It is rigorous, fast paced, and requires extensive reading and writing. AP Human Geography is divided into seven units - maps and other tools, population and migration, culture, political geography, agriculture, economic geography, and urban geography. This course offers an excellent preparation for students who plan to take AP and/or IB courses in the future.

SUMMER PROJECT REQUIRED. EXAM FEE CHARGED

WORLD HISTORY (CSU/UC)

(two semesters; Sophomores)

This course begins with an examination of the development of the ancient world civilizations and continues with a study of world history through recent decades.

HONORS WORLD HISTORY (CSU/UC)

(two semesters; select Sophomores; WEIGHTED)

PREREQUISITES: overall 3.3 GPA; A- in English I or C in Honors English

This course traces the history of mankind with particular emphasis on original sources and historical perspectives. The class emphasizes reading and writing skills in the Social Sciences, with a more in-depth and comprehensive study of all of the topics covered in the World History.

SUMMER PROJECT REQUIRED.

AP EUROPEAN HISTORY (CSU/UC)

(two semesters; select Sophomores or Seniors; WEIGHTED)

PREREQUISITES: overall 3.5 GPA in Freshman year; A- in Honors English (or A in English I with English or AP HUG teacher recommendation and department approval)

This course is taught at the college level. It focuses on the major trends and themes in Western Civilization from 1450 to present. The class will examine the political-diplomatic, intellectual-cultural, and the social-economic history of modern Europe. The students will evaluate historical material and analyze primary themes in the development of Europe. The class places a special emphasis on developing critical thinking and effective writing skills.

SUMMER PROJECT REQUIRED. EXAM FEE CHARGED

UNITED STATES HISTORY (CSU/UC)

(two semesters; Juniors)

This course studies the events and persons that shaped American History from the Reconstruction era to the present. Important historical themes will be explored, including the topics of cultural diversity, private enterprise, and the role of government in 20th century American society.

HONORS UNITED STATES HISTORY (CSU/UC)

(two semesters; select Juniors; WEIGHTED)

PREREQUISITES: overall 3.3 GPA; C in Honors World History or AP European History or A in World History and English II.

This course covers American history from the U.S. Civil War to the present. This course includes the same material that is covered in AP U.S. History. This course requires writing exercises that go beyond the curriculum found in the standard U.S. History class. Students are given timed essay tests and exercises on a regular basis in order to improve reading comprehension and writing skills. This class will emphasize historical skills such as contextualization, sourcing, corroboration, and historical research skills.

SUMMER PROJECT REQUIRED

AP UNITED STATES HISTORY (CSU/UC)

(two semesters; select Juniors; WEIGHTED)

PREREQUISITES: overall 3.7 GPA; B- in AP European History or A- in Honors World History; Students in World History must earn a grade of A with teacher recommendation and department approval to enroll in AP U.S. History

This course is taught at the college level and involves advanced levels of reading writing, analysis, and research. In this course, the students will involve themselves in the political, social, and economic aspects of the creating of the American nation and its society. Students will use primary and secondary source readings to further their knowledge and will be required to write formal essays frequently as well as present both oral and written research projects.

SUMMER PROJECT REQUIRED. EXAM FEE CHARGED

IB HISTORY OF THE AMERICAS HL 1 (CSU/UC)

(two semesters; Juniors; WEIGHTED)

PREREQUISITE: for students not enrolled in IB Diploma; 3.3 GPA

This course fulfills the first year of higher-level study of the major historical events from the exploration of the Americas through the twentieth century. Major emphasis is placed on United States history and its impact on an international level. As an integral component of the course, students will develop skills in organizing and analyzing historical data through research of an historical investigation of their choice.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE SENIOR YEAR

IB HISTORY OF THE AMERICAS HL 2 (CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: Successful completion of IB History of the Americas HL 1

This course fulfills the second year of higher-level Individuals and Societies requirement. Emphasis in this course includes in depth study of post-World War II topics such as the Cold War, U.S. foreign policy, Canadian and Latin American political and economic developments, and hemispheric relations from 1945 to 1995. Students will complete the written historical investigation begun during the first year of study in addition to preparing for the higher-level history exam.

IB EXAM REQUIRED. EXAM FEE CHARGED

UNITED STATES GOVERNMENT (CSU/UC)

(one semester; Seniors)

This course surveys the foundations and developments of the American system of government with an emphasis on the national level. It investigates the theories and implementation of the Constitution of the United States. The Constitution as a "living" document is stressed in consideration of the present status, trends, and problems of American government.

AP UNITED STATES GOVERNMENT AND POLITICS (CSU/UC)

(one semester; Seniors; WEIGHTED)

PREREQUISITES: GPA of 3.5; B in AP or Honors U.S. History or A- in U.S. History w/ teacher recommendation and dept. approval.

This semester course is an in-depth study of the origins, institutions and processes of the American federal system. It stresses an understanding of the national government through the analysis of current challenges facing the United States system and through a comparison to other existing political systems. This course is taught at the college level.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

HONORS UNITED STATES GOVERNMENT (CSU/UC)

(one semester; select Seniors; WEIGHTED)

PREREQUISITE: overall 3.0 GPA; C- in AP History or C in either Honors U.S. History or B in U.S. History

This semester course is an in-depth study of the origins, institutions and processes of the American federal system. It will stress an understanding of national government through the analysis of current challenges facing the United States system and through basic comparisons to other existing political systems.

SUMMER READING REQUIRED

CRIMINAL JUSTICE (CSU/UC)

(one semester; Juniors and Seniors)

This course provides an in-depth study of crime in America. Victimization, due process, constitutional laws, and the criminal court system will be explored. Included in the course is a review of law enforcement at the local, state, and federal levels as well as crime prevention/response, the juvenile justice system and the root causes of crime in America.

ECONOMICS (CSU/UC)

(one semester; Seniors)

This course meets the state requirement for economic literacy. Students will study the American economy in action and the principles on which it is based.

HONORS ECONOMICS (CSU/UC)

(one semester; select Seniors; WEIGHTED)

PREREQUISITES: overall 3.0 GPA; C- in AP History or C in either Honors U.S. History or B in U.S. History

This semester course is an honors level class that meets the senior requirement in economics. Students will study basic principles of economics and complete a general survey of topics in macroeconomics that usually are presented in an introductory college course.

Students are expected to be able to work at a demanding level as called for by an honors course.

SUMMER ASSIGNMENT REQUIRED

AP MACROECONOMICS (CSU / UC elective)

(one semester; Seniors; WEIGHTED)

PREREQUISITE: GPA of 3.5; B in AP or Honors U.S. History or A- in U.S. History w/ teacher recommendation and department approval.

Students will study basic principles of macroeconomics as presented in an introductory college course. Students enrolled in this course are expected to take the Advanced Placement Examination. Because of the special nature of this class, students should possess strong study habits and skills and a desire to learn at an advanced placement level.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

IB ECONOMICS SL (CSU/UC elective)

(two semesters; Seniors, select Juniors; WEIGHTED)

PREREQUISITES: Seniors: GPA of 3.3 and B in Honors or AP U.S. History or IB History of Americas HL 1 or A- in U.S. History; Juniors: GPA of 3.3 and B in AP European History or Honors World History or A in World History.

This course fulfills the senior requirement for economics. Students will study basic principles of microeconomics, macroeconomics, and the global economy at an introductory college level. Students are enrolled for a full year and are required to complete both the IB internal and external assessments.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

PSYCHOLOGY (CSU/UC)

(one semester; Juniors and Seniors)

Psychology is the study of human behavior and mental processes; it covers everything that people think, feel, and do. Psychology can provide useful insight into one's own and other people's behavior. Two things that the student will gain by learning about Psychology are insight into behavior and new practical information on how to deal with situations in everyday life.

ETHNIC STUDIES (pending CSU/UC approval)

(one semester; Juniors and Seniors)

Ethnic Studies courses operate from the consideration that race and racism have been, and continue to be, profoundly powerful social and cultural forces in American society. These courses focus on the experiences of African Americans, Asian Americans, Chicanas/os and Latinas/os, American Indians, and other racialized peoples in the United States. Courses are grounded in the concrete situations of people of color, and use a methodological framing that emphasizes both the structural dimensions of race and racism and the associated cultural dimensions.

HONORS PSYCHOLOGY (CSU/UC)

(one semester; select Seniors; WEIGHTED)

PREREQUISITES: overall 3.3 GPA; B in Junior History course

This course studies individual and group behavior, and serves as an introduction to the study of Psychology. The course will provide an overview of the history of psychology and of the major schools of psychology.

AP PSYCHOLOGY (CSU/UC elective)

(one semester; Seniors; WEIGHTED)

PREREQUISITES: overall 3.5 GPA; B in Junior History course; A in Biology or B in Hon Bio

This is a college level course in psychology. The focus of this class will be a systematic and scientific study of behavior and mental processes of humans and other animals. Students will learn of the major psychological principles and theories. The course examines ethics and methods used by psychologists in their science and practice. Students enrolled in this course will be required to attend scheduled meetings at lunch and after school during the second semester.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

AMERICAN HISTORY IN FILM (pending CSU/UC)

(one semester; Juniors and Seniors, select Sophomores)

This course explores the historical development of film, television, and motion pictures as a cultural and social element of American history. Its focus will be on the development of film and television industries from their origins in the 19th century to the present day. Students will examine the historical forces that shaped these industries and the evolution of these industries over time. Students will then examine how our understanding of American historical events is shaped by the ways in which they are presented in film and television.

In completing this course, they will gain a better understanding of American history.

A SOCIAL AND CULTURAL HISTORY OF AMERICAN SPORTS (pending CSU/UC)

(one semester; Juniors and Seniors)

This course explores the historical development of sports as a cultural and social element of American history. Its focus will be on the development of sports as part of American society from the American Civil War to the present day. By examining sporting activities, including the amateur, community, and professional levels, students will see how these activities, and iconic moments, have helped shape American identities and shaped American history. Particular focus will be given to the ways in which sports, especially the major sports including baseball, football, basketball, and boxing, have been areas of social change in American history. By studying the experiences of famous athletes and important events and moments in the history of sports, they will gain a better understanding of

American history.

THEOLOGY DEPARTMENT

LANCER LIVING: INTRODUCTION TO CATHOLICISM

(first semester; Freshman)

This course will introduce the students to the beliefs, worship and structure of the Catholic Church. The course will also provide an overview of Sacred Scripture from the Catholic perspective. Students will be provided with an opportunity to be immersed into the Bishop Amat Community while focusing on our motto of Goodness, Discipline and Knowledge.

CHRIST IN SCRIPTURE

(second semester; Freshmen)

This is a one semester religion course required for all freshmen. The course is designed to provide students with a general knowledge and appreciation of the Sacred Scriptures. Through study of the Bible, students will come to encounter the living Word of God, Jesus Christ as authored by God through Inspiration. Students will learn how to read the Bible and become familiar with the major sections and included books. A study of the Gospels as a means of growing in knowledge and love of Jesus Christ is emphasized.

THE PASCHAL MYSTERY

(first semester; Sophomores)

The purpose of this course is to help students understand all that God has done for us through His Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him which is accomplished through the Redemption Christ won for us. Students will learn that they share in this Redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

CHRIST'S MISSION IN THE CHURCH

(second semester; Sophomores)

The purpose of this course is to help the students understand that in and through the Church they encounter the Living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both Divine and human elements. In this course, emphasis is placed on the sacred nature of the Church over specific events in Church history.

SACRAMENTS AND WORSHIP

(first semester; Juniors)

This course assists students in understanding they can encounter Christ today in full and real way through the Sacraments, most especially through the Eucharist. Students examine each of the Sacraments in detail as a means of encountering Christ throughout their lives.

SACRAMENTS AND WORSHIP / FAITH IN ACTION

(first semester; select Juniors)

PREREQUISITE: Campus Minister approval

This course follows the curriculum of the Sacraments and Worship course with an emphasis on liturgical ministry and living out the sacramental principle. Students in this course must be available outside of class time to participate in the planning and conduction of Campus Ministry activities. **Attendance on an Emmaus retreat is a requirement of this course.**

CHRISTIAN MORALITY

(second semester; Juniors)

This is a relationship-centered course which approaches Christianity as a total way of life. Using a framework of the Ten Commandments, Beatitudes, and Catholic Church teachings, this course explores the virtues and values taught by Christ, applies them to practical life situations and various moral issues providing students with methods for making positive moral decisions.

CHRISTIAN MORALITY / FAITH IN ACTION

(second semester; select Juniors)

PREREQUISITE: Campus Minister approval

This course follows the curriculum of the Christian Morality course with an emphasis on practicing the Works of Mercy. Students in this course must be available outside of class time to participate in the planning and conduction of Campus Ministry activities. **Attendance on an Emmaus retreat is a requirement of this course.**

CHRISTIAN VOCATIONS

(first semester; Seniors)

This course encourages an understanding of life's vocations and how Christ calls us to live. Students recognize the similarities and differences among all vocations. The married, single, priestly, and consecrated lives are explored, focusing on the Christian family as the source of each vocation.

CHRISTIAN VOCATIONS / FAITH IN ACTION

(first semester; select Seniors)

PREREQUISITE: Campus Minister approval

This course follows the curriculum of the Christian Vocations, with a pronounced emphasis on Christian Leadership. Students in this course must be available outside of class time to participate in the planning and conduction of Campus Ministry activities. **Attendance on a Kairos retreat is a requirement of this course.**

Senior students select one of the four electives that follow to fulfill the second semester Religion requirement:

THE HISTORY OF THE CHURCH IN THE MODERN WORLD (CSU/UC)

(second semester; Seniors)

In this course, students will examine the story of the Church's history in the Modern World. This course places Christianity in its historical context and examines how the Church has addressed the challenges of the Modern World since 1492. Students will learn how Christianity has shaped the Modern World and how its expansion throughout the world has shaped the way the Church addresses the world in the 21st Century.

CHRISTIAN DISCIPLESHIP / FAITH IN ACTION

(second semester elective; Seniors)

PREREQUISITE: Campus Minister approval

Students will study the meaning of discipleship, especially by exploring Catholic Social Justice Teaching. Students will live out their discipleship by planning and implementing various Campus Ministry activities. **Attendance on a KAIROS retreat is a requirement of this course. Registration for this course requires the signature of the Campus Minister.**

SACRED SCRIPTURE: THE MEANING OF LIFE (CSU/UC)

(second semester elective; Seniors)

This course is designed for those who would like to explore the philosophical questions of life, including: why are we here and why do we have suffering in our world? Along with exploring texts from Scripture, we will also use supplemental materials to discuss issues in our modern day society. We will learn skills that will help us to better cope with the difficulties of life and to better appreciate the joys.

WORLD RELIGIONS (CSU/UC)

(second semester elective; Seniors)

This course offers an examination of the world's major religions. Students define religion and explore the importance of religion and how it is interwoven into people's lives. The five major religions studied include Judaism, Christianity, Islam, Hinduism, and Buddhism in addition to brief discussions on Chinese and Japanese religions. Students will explore the history, beliefs and practices, sacred spaces, places and time of each religion. Discussions will include comparisons between Catholicism and other religions of the world.

The following courses are theology electives, taken in addition to the prescribed theology course for your grade:

INTRODUCTION TO PHILOSOPHY (CSU/UC)

(one semester elective; Juniors and Seniors)

Introduction to Philosophy introduces students to basic elements of philosophical thinking. This course will introduce students to the basic philosophical schools of thought from the ancient world through the modern era and will examine the ways in which the tools of philosophy may be used in the study of theology and applied to their daily lives. This course will help them develop their critical thinking, problem solving, and reasoning skills while giving them the opportunity to develop their oral and written communication skills through class discussions and writing assignments.

FAITH AND SCIENCE (CSU/UC)

(one semester elective; Juniors and Seniors)

Faith and Science will investigate the true relationship between Faith and Science and how someone can be both a person of science and of faith. This course will seek to dispel the idea that science and faith are incompatible or in conflict, but rather to demonstrate that, when properly understood, the two can work together. Students will begin with an understanding of the different ways in which we acquire knowledge and the similarities and differences in knowledge acquisition in science and theology. Students will then be invited to deepen their understanding of important issues raised by science that can better be understood through a theological lens.

VISUAL AND PERFORMING ARTS DEPARTMENT

INSTRUMENTS (CSU /UC VAPA)

(two semester elective; Freshmen, Sophomores, Juniors and Seniors)

This course is open to ANY student interested in learning to play a wind or percussion instrument through reading, listening and analysis of music. Musical style, theory and musicianship will be developed through the study of music of past and present cultures. Additionally, the role and function of music in societies and careers will be covered. Students will apply their knowledge through performances at concerts and other school events. Enrollment is open to all students - membership in the Marching Band is NOT required. However, Marching Band members with no previous musical experience must take this course in addition to concurrent enrollment in Marching Dynamics.

SUPPLY FEE CHARGED

ADVANCED BAND (CSU/UC VAPA)

(two semester elective; Freshmen with teacher approval, Sophomores, Juniors and Seniors: required for all band students)

PREREQUISITES: Marching Band membership; ability to read music; **TEACHER SIGNATURE REQUIRED.**

Students will participate in concerts and marching band. Musical style, music theory, and advanced instrumental techniques will be studied. Concurrent enrollment in the MARCHING DYNAMICS course is required.

SUPPLY FEE CHARGED

ART HISTORY (CSU/UC VAPA)

(two semester elective; Sophomores, Juniors and Seniors)

This course will allow students to analyze the historical development of visual art produced from the prehistoric period through contemporary time. Oral and written assignments requiring students to review and analyze works of art in historical context are a component of the course, enabling students to develop higher thinking skills.

SUPPLY FEE CHARGED

MUSIC APPRECIATION (CSU/UC VAPA)

(two semester elective; Sophomores, Juniors and Seniors)

Students are introduced to the elements of music and a historical survey of music from the Middle Ages, leading to modern pop and rock. There is an emphasis on the listening experience of selected musical examples discussed in class. This course enables students to understand musical forms, and to analyze with distinction about music.

LANCER CHORUS (CSU/UC VAPA)

(two semester elective; Freshmen, Sophomores, Juniors Seniors)

Lancer Chorus is a one year course providing basic instruction in correct vocal production through daily vocal exercises as well as the preparation of choral music for use in concerts, festivals, and liturgies throughout the school year. Basic musicianship is developed through lecture, demonstration, and solfege exercises. Rehearsals and performances outside of class time are a requirement of the course. **SUPPLY FEE CHARGED.** Freshman students must complete Freshman Composition during summer school to make room on their schedule for Lancer Chorus.

HONORS CHAMBER SINGERS (CSU/UC VAPA)

(two semester elective; Freshmen, Sophomores, Juniors and Seniors) **WEIGHTED**

PREREQUISITE: Ability to read music; Audition and **TEACHER SIGNATURE REQUIRED**

This course provides advanced instruction in correct vocal production through daily vocal exercises as well as the preparation of choral music for use in concerts and festivals throughout the school year. Advanced musicianship is developed through lecture, demonstration, and worksheets. Advanced chorus students provide the music for school liturgies throughout the year. Rehearsals and performances outside of class time are a requirement of the course. Freshman students must complete Freshman Composition during summer school prior to taking this course.

SUPPLY FEE CHARGED

ART I (CSU/UC VAPA)

(two semester elective; Select Freshmen; Sophomores, Juniors and Seniors)

Students will learn the basic elements and principles of visual art forms by working with two-dimensional assignments. Exposure to such media as pencil, charcoal, pen and ink, pastels, and watercolors will be provided. Students will also receive an overview of art history and knowledge of art appreciation. Freshman students must complete Freshman Composition during summer school prior to taking this course.

SUPPLY AND BOOK RENTAL FEE CHARGED

ART II (CSU/UC VAPA)

(two semester elective; Select Sophomores; Juniors and Seniors)

PREREQUISITE: B in Art I

This special art course is for advanced art students. This multi-media class will build upon concepts and skills learned in Art I. Students are required to maintain a weekly sketchbook. An in-depth analysis and research of art history will be included.

SUPPLY FEE CHARGED

DIGITAL ART & DESIGN (CSU/UC VAPA)

(two semester elective; Sophomores, Juniors and Seniors)

PREREQUISITE: B in Art I

This class focuses on the artistic and technical aspects of digital art & design. Projects include illustration with drawing tablets, poster design and animation. Students will also learn the basics of Adobe Photoshop, Illustrator and Animate.

SUPPLY AND EQUIPMENT FEE CHARGED

DIGITAL PHOTOGRAPHY (CSU/UC VAPA)

(two semester elective; Sophomores, Juniors and Seniors)

PREREQUISITES: B in Art I or permission of instructor

This class introduces the history of photography and its connections to science and culture. Students use visual language for photography projects and group critiques. They will learn to use digital cameras as well as how to edit photos in Adobe Photoshop and Lightroom.

SUPPLY and EQUIPMENT FEE CHARGED

AP STUDIO ART (CSU/UC VAPA)

(two semester elective; select Juniors, Seniors; WEIGHTED)

PREREQUISITES: Art I; A- in Art II; TEACHER SIGNATURE REQUIRED

This art course is for highly motivated students who are seriously interested in the study of art. The quality and breadth of the artwork produced should reflect first year college level standards; therefore work outside the classroom and beyond the scheduled class period is essential. Reading and critical analysis with written and oral responses will be required. Maintaining a sketchbook is required.

Students will submit a portfolio to the College Board for evaluation that may also be used for admission to an art college.

SUMMER ASSIGNMENT REQUIRED. SUPPLY and EXAM FEE CHARGED

AP ART HISTORY (CSU/UC VAPA)

(two semester elective; Sophomore, Junior, Senior; WEIGHTED)

PREREQUISITE: B- in Honors English and History or B in English or History.

This course is an in-depth analysis of the historical development of visual art produced during the prehistoric period to contemporary times. Oral and written assignments requiring students to review and analyze works of art in historical context are a component of this course and will enable the students to perform higher thinking skills and prepare for the Advanced Placement examination in May.

EXAM and SUPPLY FEE CHARGED

IB VISUAL ARTS SL (CSU/UC VAPA)

(two semesters; Juniors)

PREREQUISITES: Successful completion of Art I; completion of IB application process; **TEACHER SIGNATURE REQUIRED**

This course is designed for the highly motivated second year art student who is willing to adopt art as a lifestyle and commit to total involvement. Students in the IB Diploma Program and/or those developing their own skills and style of art are encouraged to enroll in this course. The course involves a combination of comparative study, portfolio construction and an exhibition/interview of completed works. Class sessions beyond the scheduled class time will be required.

SUMMER ASSIGNMENT REQUIRED. SUPPLY and EXAM FEE CHARGED

THEATER ARTS (CSU/UC VAPA)

(two semester elective; Select Freshmen; Sophomores, Juniors and Seniors)

Students will acquire skills and styles of acting and communication. Students will learn the history of drama as well as advanced acting techniques and production skills.

ADVANCED THEATER ARTS

(semester elective; Juniors and Seniors)

PREREQUISITES: Theatre Arts; **TEACHER SIGNATURE REQUIRED**

Students who desire to continue their theater arts education will have the opportunity to develop writing, directing and technical skills, as well as, advanced acting techniques and production skills.

TECHNICAL THEATER & DESIGN (CSU/UC VAPA)

(two semester elective; Freshmen; Sophomores; Juniors; Seniors)

This hands-on course will introduce students to all areas of technical theater. The students in this course will be directly involved with the productions at school. They will learn how to design and construct sets, costume and make-up design, sound, lighting, create special effects, paint, and build props for productions. Students will learn specialized vocabulary and utilize this vocabulary in a practical application. Students will reflect on design elements found in school and outside productions with design analysis and critique. Students will apply and hone their skills by working directly on productions.

YEARBOOK

(two semester elective; Select Freshmen, Sophomores, Juniors and Seniors)

PREREQUISITE: YEARBOOK ADVISOR SIGNATURE REQUIRED

This course trains students in the skills necessary to produce an artistic and interesting school yearbook. Students are expected to have a strong English grade, be committed to after-school work, and have parental permission and transportation. The Freshmen composition may be taken during summer with grade of B or higher.

HONORS YEARBOOK: ADVANCED DESIGN & PUBLISHING (CSU/UC VAPA)

(two semesters; Sophomores, Juniors, and Seniors; **WEIGHTED**)

PREREQUISITE: A- in Yearbook and Yearbook Adviser Invitation

In this course, students undertake editorial positions, which teach leadership skills. Students are assigned a design leadership role in the production team for the yearbook, as well as studying college and career options and preparing for the future.

Leadership roles will range from serving as the Editor-in-Chief, Assistant Editor, Head of Photography, and other positions necessary to successfully produce the yearbook. In this course, students will demonstrate mastery of all publication design principles, InDesign, through planning a comprehensive design scheme to produce the school yearbook.

BEGINNING DANCE (CSU/UC VAPA)

(two semesters; Sophomores, Juniors and Seniors)

This course is designed to teach the fundamental elements of dance. Students develop and refine their physical condition, control of movement and technical expression through improvised and choreographed movement. Multiple dance forms such as jazz and ballet are explored. Analysis of historical and cultural connections to other art forms is studied. Students will be required to perform in front of an audience. Rehearsals outside of the scheduled class period are required.

UNIFORM, MATERIALS and COSTUME FEE CHARGED

INTERMEDIATE DANCE (CSU/UC VAPA)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITE: successful completion of Beginning Dance

Advanced dance students build on the knowledge and skills gained in the beginning course. Students learn and perform highly developed and advanced dance moves. Students focus on increasing their dance skills incorporating their own choreography. Students apply a wide range of refined body movements, agility, and balance to their dance performances. An in-depth analysis of dance history as well as critique and research of the influences and impact of cultural dance is required. Students are required to perform in front of an audience. Rehearsals outside of the scheduled class period are required. Enrollment priority is given to students who have not yet met the Visual and Performing Arts requirement for graduation.

UNIFORM, MATERIALS and COSTUME FEE CHARGED

DANCE PRODUCTION (CSU/UC VAPA)

(two semesters; Freshmen, Sophomores, Juniors and Seniors)

PREREQUISITE: Advanced Dance background; AUDITION REQUIRED; teacher recommendation

This course is designed to teach the advanced dance student how to be a better performer and how to view dance from a critical perspective. A variety of dance techniques including Ballet, Jazz and Lyrical will be incorporated and students are required to have a solid technical dance background in these areas. Competitions are mandatory, with an emphasis on teamwork. Two evening rehearsals per week in addition to early morning and some Saturday rehearsals are required during the school year. Participation at a professional dance studio, summer training camp, and two summer rehearsals per week are required during the summer. Freshmen selected for this course will earn P.E. credit while Sophomores, Juniors and Seniors may take this course for Visual and Performing Arts credit.

UNIFORM, MATERIALS and COSTUME FEE CHARGED

WORLD LANGUAGES DEPARTMENT

LATIN I (CSU/UC)

(two semesters; all students)

PREREQUISITES: Select freshmen who earn 60% or higher in the Language section of the HSPT are eligible; signatures of current language teacher and Latin teacher are required for those who have completed two years of study of Spanish or French.

The goals of this class are to introduce students to the basics of the Latin language and to improve their language skills in general.

Students concentrate on learning vocabulary, inflectional patterns of different parts of speech, and rules of agreement. Students also translate Latin sentences into English and connected Latin prose passages of moderate complexity that deal with Greek myth. Students are encouraged to reflect on the ways in which Latin expresses concepts differently from English. Explorations into Roman History, geography, mythology, and culture complement the linguistic aspects of the course.

LATIN II (CSU/UC)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITE: Passing grade in Latin I

After a review of the material learned in Latin I, students approach the study of forms and structures that characterize complex Latin writing: participles, the subjunctive mood and its uses, and indirect discourse. Adapted Latin readings during the first semester deal with the legends and history of Rome, focusing on Roman values, ethics and political ideals. By the second semester, students read authentic excerpts from various Latin authors.

IB LATIN HL 1 (CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITE: B- in Latin II

While continuing to improve their facility with Latin grammar and syntax, students begin their study of authors featured in the IB curriculum. Students translate extensively from Book 2 of the Aeneid to prepare for the IB translation exam (Paper 1). Careful attention is paid to the limits of translations in conveying all the meanings contained in the original language. They also study texts they will encounter on the thematic portion of the IB exam (Paper 2). Students work toward gaining an understanding of the literary devices and social context that is necessary for accurately comprehending and appreciating these texts.

SUMMER ASSIGNMENT REQUIRED

IB LATIN HL 2 (CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITE: B- in Latin IB HL 1

While maintaining their facility with reading Vergil in preparation for the IB Paper 1, students complete their study of the authors prescribed for the Paper 2 (Pliny, Horace and Gellius). As in HL1, a significant portion of this course is devoted to studying the social context in which the ancient works were produced. Students also hone their skills in writing broad-ranging essays that include evidence from various sources, including works of modern scholarship. The course ends with a review of all the texts studied throughout the two-year cycle in preparation for the IB exams in May.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

FRENCH I (CSU/UC)

(two semesters; all students)

This course is designed to introduce students to the basics of the French language. Students will also be exposed to some aspects of French culture. Emphasis is placed on all four basic activities required in the learning of a language, namely reading, listening, speaking, and writing. Written exercises are an essential part of the course and active participation in class is very important.

FRENCH II (CSU/UC)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITE: Passing grade in French I

This course is designed to provide students with a working knowledge of the French language, based on the basic knowledge acquired in French I. Students will learn how to use the French language in context through various listening, reading, oral, and written exercises. They will also be exposed to some aspects of French culture, including customs, daily life, arts, and music. Active class participation is very important. It will greatly improve the student's understanding and oral performance.

IB FRENCH HL 1 (CSU/UC)

(two semesters; Juniors and Seniors; WEIGHTED)

PREREQUISITE: B- in French II

This course is designed for students who have a high level of competence in speaking, listening, reading and writing the language. Emphasis is on reading comprehension, interpretation and analysis of oral and written texts. A variety of oral and written assessments is used to measure students' listening, speaking, reading and writing skills. The course includes the study of texts at a higher level requiring pronounced critical thinking. This course is the first part of a two-year course following the IB Higher Level curriculum.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE SENIOR YEAR

IB FRENCH HL 2 (CSU/UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITE: Successful completion of IB French HL1

This course expands on the material studied in the first year of the Higher Level class. Students further their skills in reading comprehension, interpretation and analysis of oral and written texts. A variety of oral and written assessments are used to measure students' listening, speaking, reading, and writing skills. It also includes the study of texts at a higher level that require critical thinking.

This course is the second part of a 2-year course following the IB Higher Level curriculum.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

SPANISH I (CSU/UC)

(two semesters; all students)

This course is designed to develop the student's ability in the basic language skills: listening, comprehension, speaking, reading and writing. The course also introduces students to Spanish and Latin-American cultures.

ACCELERATED SPANISH I (CSU/UC)

(two semesters; qualified Freshmen)

PREREQUISITE: This course is recommended for those students who can understand and/or speak Spanish; Placement test required.

This course covers the same contents as Spanish I and Spanish II. In this class, some of the instruction is conducted in Spanish. In addition, a great emphasis will be placed on learning to write in Spanish, grammar, structure, and speaking.

SPANISH II (CSU/UC)

(two semesters; Sophomores, Juniors and Seniors)

PREREQUISITE: C- in Spanish I; Students receiving a 1st or 2nd semester D or F must take Spanish I make-up in Summer School in order to qualify for this course.

This course continues the study of the language with study of the essentials of pronunciation and grammar. There is greater emphasis on oral and written composition, practice in conversation, and insight into Spanish and Latin-American cultures.

ACCELERATED SPANISH II (CSU/UC)

(two semesters; qualified students)

PREREQUISITE: B- in Accelerated Spanish I

This course presents more in-depth studies of structures which lead to a more precise use of various points of grammar and style. A greater emphasis is placed on oral communication, the use of verb tenses, reading and writing. The student will learn various aspects of Spanish and Latin-American countries. This course prepares students for AP Spanish in the following year.

SPANISH III (CSU/UC)

(two semesters; Juniors and Seniors)

PREREQUISITE: B- in Spanish II

This course places emphasis on increased facility to read, write and speak the language. This class will be taught with an emphasis on speaking Spanish. Review and mastery of essential structures lead to a more precise use of various points of grammar and style. The student comes in contact with various aspects of Spanish and Latin-American countries through this study.

AP SPANISH LANGUAGE AND CULTURE (CSU/UC)

(two semesters; qualified students; WEIGHTED)

PREREQUISITE: B in Accelerated Spanish II or A- in Spanish III

Taught predominantly in Spanish, this course is designed for students who demonstrate a high level of competency in speaking, listening, reading and writing the language. The course provides students the opportunity to study the language and culture of the Spanish-speaking world and to demonstrate their proficiency across the full range of language skills.

Students in this course are engaged in the exploration of culture in both contemporary and historical contexts.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

IB SPANISH SL (CSU / UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: (Seniors) B - in AP Spanish Language; **TEACHER SIGNATURE REQUIRED**

This course focuses on the interaction between speakers and writers of the Spanish language. Emphasis is placed on reading comprehension, interpretation and analysis of a range of authentic oral and written texts selected by the teacher. A variety of oral and written assessments are used to measure students' listening, speaking, reading, and writing skills. The course allows students to develop an awareness and appreciation of the cultures of countries in which Spanish is spoken.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

IB SPANISH HL 1 (CSU / UC)

(two semesters; Juniors; WEIGHTED)

PREREQUISITES: (Juniors) B- in Accelerated Spanish II or A- in Spanish II. **TEACHER SIGNATURE REQUIRED**

This course is designed for students who have a high level of competence in speaking, listening, reading and writing Spanish. Emphasis on reading comprehension, interpretation and analysis of oral and written texts. Oral and written assessments are used to measure students' listening, speaking, reading, and writing skills. It also includes the study of texts at a higher level that require critical thinking.

This course is the first part of a 2-year course.

SUMMER ASSIGNMENT REQUIRED

IB SPANISH HL 2 (CSU / UC)

(two semesters; Seniors; WEIGHTED)

PREREQUISITES: Successful completion of IB Spanish HL1

This course expands on the material studied in the first year of the Higher Level class. Students further their skills in reading comprehension, interpretation and analysis of oral and written texts. A variety of oral and written assessments are used to measure students' listening, speaking, reading, and writing skills. It also includes the study of texts at a higher level that require critical thinking. This course is the second part of a 2-year course following the IB Higher Level curriculum.

SUMMER ASSIGNMENT REQUIRED. EXAM FEE CHARGED

SPANISH SHORT STORY & COMPOSITION (pending CSU/UC)

(two semesters; qualified Seniors)

PREREQUISITE: C in Spanish III or concurrent enrollment in Spanish III.

This course is designed to help students strengthen their writing and critical thinking skills in Spanish. This course can be taken on its own or alongside Spanish III (in the second semester), AP Spanish Language and Culture, and IB Spanish in order to provide students with more practice opportunities. Students will have the opportunity to read classic and contemporary Hispanic short stories and also work on creating their own creative piece in Spanish.

NON DEPARTMENTAL COURSES

IB THEORY OF KNOWLEDGE (CSU/UC)

(two semesters: 2nd semester Juniors; 1st semester Seniors; WEIGHTED)

PREREQUISITES: completion of IB application process; IB coordinator approval

Students in this course analyze knowledge: how it is acquired, how it is processed, and how it is passed on to others. This course assists students in becoming critical, reflective, and cognizant thinkers that are considerate, appreciative, and responsible “knowers”. Students explore the dynamics of knowing and understanding in a multidimensional, interdisciplinary, and global setting. A reflection on how human reason perfects and complements our faith is incorporated into the course. Class participation and interaction play an extremely important role in the learning process of this course.

OFFICE AIDE

(one or two semesters; Juniors and Seniors)

PREREQUISITES: Student must have a good record in the areas of attendance and discipline; VICE PRINCIPAL APPROVAL REQUIRED

This course is designed to give the student experience in office work in the administrative offices in the school. Evaluation will be on a Credit/No Credit basis.

TUTORING AIDE

(one or two semesters; Juniors and Seniors)

PREREQUISITE: Student must have a good record in the areas of attendance and discipline; cumulative GPA of 3.75; ASSISTANT PRINCIPAL, ACADEMIC APPROVAL REQUIRED

This course is designed for academically motivated students to act as a tutoring assistant in select classroom settings, especially mathematics. Students will, with guidance of the instructor, assist their peers in class work, studying, and other activities such as science labs. Evaluation will be on a Credit/No Credit basis.

STUDY HALL - NO CREDIT GIVEN FOR THIS CLASS

(one or two semesters; Juniors and Seniors)

PREREQUISITES: Students must be ahead in credits; COUNSELOR APPROVAL REQUIRED.

This course is designed to provide students with additional time during the school day to complete their homework or research projects. Students are expected to come to class each day prepared to work the entire period. This course is not offered for academic credit; therefore, a student must have previously earned sufficient credits in order to enroll.

STUDY SKILLS

(two semesters; Selecte Freshmen)

PREREQUISITE: 8th grade Placement Exam and Summer School courses

This course is designed for students interested in improving their study skills. The course will emphasize various strategies for student academic success. This class is limited to freshman students who have been identified by counselors as having a need for additional academic support.