

# Cathedral High School



## Course Catalog

2018 / 2019

February, 2018



Dear Students and Parents:

This course catalog is the approved listing of the Cathedral High School program of studies for the 2018–2019 school year. It provides you with course descriptions for required courses, as well as electives to be offered dependent upon enrollment projections and/or teacher availability. Prerequisites are listed for courses that have eligibility requirements. Information about Cathedral High School’s graduation requirements as well as college and university entrance requirements are also provided in this catalog.

These course offerings represent the program of study that Cathedral High School believes is appropriate and stimulating. They provide the intellectually rigorous course work students need as part of an integrated, well-rounded, college preparatory education offered in the Catholic and Lasallian tradition.

Cathedral’s academic program provides a balance between core courses required of all, and an elective program that recognizes the diversity of talents and interests found in our student body. Recognizing this balance and working with its many possibilities, are the primary tasks for students and parents with the academic counselors over the next several weeks as we move through the course registration process. Graduation requirements of Cathedral and entrance requirements of colleges and universities should be carefully reviewed as next year’s program of studies is planned.

Working with the information contained in this catalog, each student should plan a program of studies for the next academic year in consultation with parents, teachers, administrators and counselors. Students should make appropriate and realistic course requests. It is always prudent to select course alternatives in case first choices are not possible. It is important to remember that the school reserves the right to cancel courses or limit sections according to enrollment projections and/or teacher availability. As Dean of Studies, I am responsible for directing this process and ensuring the academic success of our students.

Please note that after schedules are set a change in course selection will be granted only if substantial need is demonstrated and space in the requested course (s) is available. The same course may be offered in several sections and taught by more than one faculty member. Course changes for teacher preferences are not granted.

The Dean of Studies is the final judge of the legitimacy and feasibility of such requested changes. It is important, therefore, that you carefully prepare your course requests.

Please be assured of the support of the faculty, counselors, and administration as you continue to participate in our Catholic, Lasallian education in the Phantom tradition of excellence.

Sincerely,

Sulema Modesto  
Dean of Studies

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# General Policies

## Pre-Registration/ Scheduling:

It is important that both students and parents read the course catalog carefully, especially the course descriptions and prerequisites. Students should discuss course choices with parents, counselors and teachers.

You are to complete the course selection sheet after discussing choices with your parents and appropriate teachers. Parent and student signatures are required when the form is submitted to the Academic Counselor.

If you are requesting an Honors or AP course you must make sure you meet the requirements and satisfy any additional work.

During Advisement Week, you will meet with your Academic Counselor to review your Course Selection Sheet. At this time, your counselor will review your course requests, check your graduation requirements to date, and verify eligibility for certain courses. Approval will be based on space availability as determined by the Administration, graduation requirements, course pre-requisites, and/or Department Chair's recommendations. Every effort will be made to honor your course requests, but scheduling constraints may not allow for all desired classes.

Students will be required to take the courses for which they pre-registered, unless the student does not meet the published prerequisites, the class is cancelled or he drops the class during the summer schedule changes.

Please know that initial placement is made on the basis of your transcript and first semester grades. Final placement is determined after the second semester grades have been posted in June. Please check the published prerequisites in the course catalog for each individual course. The Dean of Studies and the Department Chair will approve final decisions for course selection in June.

## Course Request Changes:

Students may request a change in schedule on specified days during the summer and only the first week of school in August for the first semester and the first week in January for the second semester. ***Approval of requests are dependent upon:*** 1) space availability in the class requested; 2) suitability of the reason for the request and consistency with requirements as stated in the course catalog; and 3) parental approval. Student preference for a particular teacher will not be considered. If a teacher initiates a class change due to academic difficulties after the first week of the semester, a student will be withdrawn from the course with no academic liability up to progress report time.

## Advanced Placement Courses:

Cathedral participates in the nationwide Advanced Placement Program of college-level instruction in high school by offering Advanced Placement courses. Cathedral offers ten AP courses. Students who complete these classes are required to take the nationwide examinations in May that are prepared by the College Entrance Examination Board. A passing grade of 3 or higher means the student has met requirements for the college-level course and is entitled to advanced placement. Additional fees are required from the student for each AP course he takes. Students are allowed to enroll in up to three AP courses.

**Cathedral High School  
Required & Recommended Courses  
2018-2019 School Year**

SUBJECT AREA	UNITS	REQUIRED COURSES	RECOMMENDED ELECTIVES
<b>Religious Studies</b>	40	Religious Studies I, II, III, IV	
<b>English</b>	40	English I (P) or Honors English I English II (P) or Honors English II (P) English III (P) or AP Eng Language (P) English IV (P) or AP Eng Literature (P) Speech (P)	Great Books (P) ESL (P) Literature to Film (P)
<b>Social Studies</b>	30	World History (P) or Honors World History (P) U.S. History (P) or AP U.S. History (P) U.S. Government (P) or AP Government (P)	Law I A/B (P) Psychology (P) Criminal Justice (P)
<b>Mathematics</b>	30	Algebra I (P) Algebra II (P) or Honors Algebra II (P) Geometry (P) or Honors Geometry (P)	Pre-Calculus (P) or Honors Pre-Cal (P) AP Calculus AB (P) AP Calculus BC (P) Statistics (P) Calculus (P) Computer Science I (Game Design) (P) Computer Science II (Game Design)(P)
<b>Science</b>	30	Biology (P) or Honors Biology (P) Chemistry (P) or Honors Chemistry (P) Physics (P)	AP Biology (P) AP Chemistry 1-2 (P) AP Physics I (P) Honors Physics (P) Human Physiology/Anatomy (P)
<b>Language</b> <small>Other than English (LOTE)</small>	20	Spanish I SPK(P), Spanish II SPK (P) Spanish I NS (P), Spanish II NS (P) Spanish II Honors	AP Spanish Language (P) AP Spanish Literature (P) Spanish III NS or Spanish III SPK (P) Spanish III Honors (P)
<b>Visual &amp; Performing Arts</b>	10	Theatre Arts I (One Semester) (P) And one year class from Recommended Elective Column	Studio Art I, II, III (P) Band I, II, III, IV (P) Theatre Arts II/III (P) Music Appreciation (P) Media Graphics I (P) Media Graphics II (P) Video Prod I / TV Media Design (P) Video Production II
<b>Physical Education</b>	10	Physical Education/Health	Fitness, Strength, Conditioning Interscholastic Sports
<b>Electives</b>	70		Selected Electives

**280 units required for graduation**

**(P) - UC and/or CSU approved courses**

\*P.E. units may be waived for students completing year-long Visual/Performing Arts Courses

**Note: This chart represents minimums**

Academic Area (Departments)	Cathedral High School's Graduation Requirements		University of California (UC)	California State University (CSU)
	Years	Credit	Years	Years
Religious Studies	4	40	0	0
English	4	40	4	4
Social Studies	3	30	2	2
Mathematics	3	30	3	3
Science	3	30	2	2
Foreign Language	2	20	2	2
Visual and Performing Arts	1	10	1	1
Physical Education	1	10	0	0
Electives	3	70	1	1
<b>Total Core</b>		<b>280</b>		

\*P.E. units may be waived for students completing yearlong Visual and Performing Arts Courses.

^Any course taken beyond the department requirements is considered an elective. All students are required to take 7 classes (35 units) per semester for 8 semesters.

Five (5) semester units (credits) are awarded for the successful completion of each regular semester course. Courses recognized by UC and CSU as college preparatory are designated by **(P)**.

### Typical Course Load Requirements

Freshman Year	Sophomore Year	Junior Year	Senior Year
1. Religious Studies	1. Religious Studies	1. Religious Studies	1. Religious Studies
2. English I	2. English II	2. English III	2. English IV
3. Speech / Theatre Arts	3. World History	3. U.S. History	3. Government
4. Biology	4. Chemistry	4. Physics	4. Elective or PE
5. Mathematics	5. Mathematics	5. Mathematics	5. Elective
6. Spanish I	6. Spanish II	6. Elective or PE	6. Elective
7. Computer Appl / PE <small>*Band I students: Waive Theater Arts or PE</small>	7. Elective/VPA or PE	7. Elective	7. Elective

### Graduation Requirements:

A minimum of 280 units (credits) is required for graduation. For a senior student to be eligible for graduation, his transcript must show that all F grades have been made up through the successful completion of courses equivalent to those he failed. No diploma will be awarded until all semester F's have been made up. Fall semester F grades must be made up by May 15<sup>th</sup> of the student's senior year if he wishes to participate in graduation.

### **Semester Grades:**

Semester grades are the only grades recorded on a student's permanent transcript. The progress reports and mid-semester grades are not recorded on a student's permanent transcript. Grades recorded on the transcript cannot be removed or replaced by supplemental course work.

### **Grade Point Average (GPA):**

In calculating the grade point average, letter grades are equivalent to grade points as follows:

**A = 4, B = 3, C = 2, D = 1, F = 0.**

Honors and AP course letter grades are equivalent to grade points as follows:

**A = 5, B = 4, C = 3, D = 1, F = 0.**

Some colleges and universities do not give extra GPA weight to all honors courses taken.

Pluses (+) and minuses (-) do not affect the GPA. \_

### **D Grades (Not recommended for College):**

Since a semester D grade is not an acceptable grade for entrance to a four-year college or university, students with a semester grade of D are strongly encouraged to attend summer school to repeat the subject.

### **F Grades (Failing)**

Course (s) in which a semester F was earned must be made up in summer school before the student returns for the fall semester. Semester F grades must be made up at **Cathedral High School** if the course (or an equivalent) is being offered in the summer school program. If a student fails both semesters of a yearlong CSU/UC required course, he must take two elective courses during Cathedral High School's summer school session to make up credits for the F grades. The student will then re-take the failed course the following school year. The grades received in summer school are noted on the student's permanent transcript.

Any student is subject to dismissal if he receives three or more semester F grades during one academic year or if he does not achieve a minimum 2.00 GPA after being placed on academic probation. See the Student Handbook for further information on probation and conditions of continuation.

### **Academic Program of Study**

Cathedral High School offers a college preparatory program of studies to enable all students to meet the minimum requirements for both the University of California (UC) system and the California State University (CSU) system. Most academic advisors of both high school and college students agree, however, that preparation for university study includes more than the basic requirements for entrance. Therefore, students are encouraged to enroll in classes well beyond the minimum requirements.

### Admission to Colleges and Universities

Cathedral High School graduates usually continue their education at the college or university level. Eligibility requirements and admission standards vary depending upon the college or university. While Cathedral makes every effort to see that students take courses commensurate with their ability and future goals, the final responsibility for meeting college entrance requirements rests with students and their parents. Students should consult with the College Counselor for more specific information and guidance.

**USC**



**UCLA**



**CAL STATE UNIVERSITY LOS ANGELES**





# University of California Requirements

## University of California (UC)

This system consists of ten undergraduate campuses. Minimum eligibility requirements for all ten campuses are the same. The University defines a “freshman applicant” as a student who has graduated from high school but who has not enrolled in any regular, non-summer sessions in any collegiate-level institution.

## Freshman Admission Requirements

To be eligible for admission to the University as a freshman, you must meet the Subject Requirement, the Scholarship Requirement, and the Examination Requirement. A minimum of fifteen (15) units, to be taken during grades 9-12, is required for admission to the University of California (a one year high school course = one unit; a one semester course = ½ unit). These fifteen units must be academic or college preparatory units, and of these fifteen units, at least seven (7) must be taken during the last two years of high school.

### I. Subject Course Requirements

Specific course requirements are referred to as the “a-g” course requirements; all classes must be passed with a grade of C or better: (see chart below).

Subject	University of California and California State University Requirements
<b>a. History</b>	<u>Two years</u> of history / social science to include: one year U.S. History or one-half of U.S. History and one-half year of Civics or American Government and one year of world history, cultures, and geography.
<b>b. English</b>	<u>Four years</u> of college preparatory English composition and literature.
<b>c. Mathematics</b>	<u>Three years</u> – algebra, geometry, and intermediate algebra. Four years of mathematics are recommended.
<b>d. Laboratory Science</b>	<u>Two years</u> of a laboratory science providing fundamental knowledge in at least two of these areas: biology, chemistry, and physics. Three years of laboratory science are recommended.
<b>e. Language other than English (LOTE)</b>	<u>Two years</u> of a language other than English. Three years of study of the same foreign language are recommended.
<b>f. Visual and Performing Arts</b>	<u>One year</u> of visual or performing arts: art, dance, drama, or music.
<b>g. College Preparatory Electives</b>	<u>One year</u> to be chosen from the following areas; history, English, advanced mathematics, laboratory science, languages other than English (a third year in the language used for the “e” requirement or two years of another language), social science, and visual and performing arts.

### II. Scholarship Requirements

The scholarship requirement is defined by the GPA, which students must attain in the “a-g” subjects. If your “a-g” GPA is 3.30 or higher, you have met the minimum scholarship requirement. If your GPA is below 3.30 but above 2.80, you have met the minimum requirement *if* you achieve the college entrance test score indicated on the Eligibility Index (consult with the College Counselor for questions regarding the Eligibility Index).

### III. Examination Requirements

The following tests are required of all freshmen applicants:

A. Either the SAT- your critical reading, math and writing scores on this test must be from the same sitting ,or the ACT- the composite score will be used.

**UC ELIGIBILITY INDEX FOR CALIFORNIA RESIDENTS**

<b>SAT TEST SCORE TRANSLATION</b>				<b>ACT TEST SCORE TRANSLATION</b>				
<b><u>SAT SCORES</u></b>	<b><u>UC SCORES</u></b>	<b><u>SAT SCORE</u></b>	<b><u>UC SCORE</u></b>	<b><u>ACT SCORE</u></b>	<b><u>UC SCORE</u></b>	<b><u>ACT SCORE</u></b>	<b><u>UC SCORE</u></b>	
800	100	490	48	36	100	20	47	
790	98	480	47	35	97	19	43	
780	97	470	45	34	93	18	40	
770	95	460	43	33	90	17	37	
760	93	450	42	32	87	16	33	
750	92	440	40	31	83	15	30	
740	90	430	38	30	80	14	27	
730	88	420	37	29	77	13	23	
720	87	410	35	28	73	12	20	
710	85	400	33	27	70	11	17	
700	83	390	32	26	67	10	13	
690	82	380	30	25	63	9	10	
680	80	370	28	24	60	8	7	
670	78	360	27	23	57	7	3	
660	77	350	25	22	53	1-6	0	
650	75	340	23	21	50			
640	73	330	22	Below are the combinations of GPA and UC Score Totals that meet UC's minimum requirements.				
630	72	320	20					
620	70	310	18	<u>"A - G" GPA</u>		<u>MINIMUM UC SCORE TOTAL</u>		
610	68	300	17					
600	67	290	15	3.00 - 3.04		223		
590	65	280	13	3.05 - 3.09		210		
580	63	270	12	3.10 - 3.14		198		
570	62	260	10	3.15 - 3.19		187		
560	60	250	8	3.20 - 3.24		175		
550	58	240	7	3.25 - 3.29		165		
540	57	230	5	3.30 - 3.34		157		
530	55	220	3	3.35 - 3.39		152		
520	53	210	2	3.40 - 3.44		147		
510	52	200	0	3.45 - ABOVE		143		
500	50							

1. CONVERT YOUR ACT OR SAT SCORES TO UC SCORES.
2. ADD ALL THREE PARTS. (READING+MATH+WRITING)
3. CONVERT YOUR 2 HIGHEST SAT SUBJECT SCORES TO UC SCORES.
4. ADD TO STEP 2 (READING+MATH\_WRITING+SUBJECT TEST 1+ SUBJECT TEST 2)
5. FIND YOUR SCORE ON ELIGIBILITY INDEX TO SEE IF YOUR GPA MEETS THE MINIMUM REQUIREMENT.

In calculating the GPA for admission, grades for courses are counted as follows: A = 4, B = 3, C = 2, D = 1, F = 0. Only grades for "a-g" courses taken in grades 10-12 are included in this computation. Courses taken in the 9<sup>th</sup> grade will not be included in the GPA calculation, however, 9<sup>th</sup> grade courses can be used to meet the Subject Requirement if the student earns a grade of C or better.

## California State Universities (CSU)

Minimum eligibility requirements for all undergraduate schools are the same.

You will qualify for regular admission as a first-time freshman if you:

1. Meet the Eligibility Index with your grade point average and test scores (consult with the College Counselor for questions regarding the Eligibility Index.)
2. Have completed with grades of C or better the courses in the comprehensive pattern of college preparatory a-g subject requirements. (The courses approved by UC are also approved by the CSU system.) You may be required to meet higher admissions requirements for impacted programs.
3. Take either the SAT I or ACT. Submit scores from either SAT I or ACT.  
No SAT II Subject Tests are required for admission to a CSU campus.

### CSU ELIGIBILITY INDEX FOR CALIFORNIA HIGH SCHOOL GRADUATES OR RESIDENTS OF CALIFORNIA

GPA	ACT	SAT I	GPA	ACT	SAT I	GPA	ACT	SAT I	GPA	ACT	SAT I
3.00	any	score	2.74	15	710	2.48	20	920	2.22	25	1130
2.99	10	510	2.73	15	720	2.47	20	930	2.21	26	1140
2.98	10	520	2.72	15	730	2.46	21	940	2.20	26	1140
2.97	10	530	2.71	16	740	2.45	21	940	2.19	26	1150
2.96	11	540	2.70	16	740	2.44	21	950	2.18	26	1160
2.95	11	540	2.69	16	750	2.43	21	960	2.17	26	1170
2.94	11	550	2.68	16	760	2.42	21	970	2.16	27	1180
2.93	11	560	2.67	16	770	2.41	22	980	2.15	27	1180
2.92	11	570	2.66	17	780	2.40	22	980	2.14	27	1190
2.91	12	580	2.65	17	780	2.39	22	990	2.13	27	1200
2.90	12	580	2.64	17	790	2.38	22	1000	2.12	27	1210
2.89	12	590	2.63	17	800	2.37	22	1010	2.11	28	1220
2.88	12	600	2.62	17	810	2.36	23	1020	2.10	28	1220
2.87	12	610	2.61	18	820	2.35	23	1020	2.09	28	1230
2.86	13	620	2.60	18	820	2.34	23	1030	2.08	28	1240
2.85	13	620	2.59	18	830	2.33	23	1040	2.07	28	1250
2.84	13	630	2.58	18	840	2.32	23	1050	2.06	29	1260
2.83	13	640	2.57	18	850	2.31	24	1060	2.05	29	1260
2.82	13	650	2.56	19	860	2.30	24	1060	2.04	29	1270
2.81	14	660	2.55	19	860	2.29	24	1070	2.03	29	1280
2.80	14	660	2.54	19	870	2.28	24	1080	2.02	29	1290
2.79	14	670	2.53	19	880	2.27	24	1090	2.01	30	1300
2.78	14	680	2.52	19	890	2.26	25	1100	2.00	30	1300
2.77	14	690	2.51	20	900	2.25	25	1100			
2.76	15	700	2.50	20	900	2.24	25	1110			
2.75	15	700	2.49	20	910	2.23	25	1120			

**NOTE: Below 2.00 does not qualify for regular admission.**



## ACADEMIC COUNSELORS

### FRESHMAN CLASS

Mrs. Loren Martinez

(323) 441-3183, [lmartinez@chsla.org](mailto:lmartinez@chsla.org)

### SOPHOMORE CLASS

Mrs. Loren Martinez

(323) 441-3183, [lmartinez@chsla.org](mailto:lmartinez@chsla.org)

### JUNIOR CLASS

Mr. Robert Ryan

(323) 441-3177, [rryan@chsla.org](mailto:rryan@chsla.org)

### SENIOR CLASS

Mr. Terry Catlin

(323) 441-3121, [tcatlin@chsla.org](mailto:tcatlin@chsla.org)

### DIRECTOR OF GUIDANCE AND COUNSELING

Mr. Terry Catlin

(323) 441-3121, [tcatlin@chsla.org](mailto:tcatlin@chsla.org)



# RELIGIOUS STUDIES

Chair: Brother Paul Durham

## *Required Courses:*

**RELIGIOUS STUDIES I**  
**THE REVELATION OF JESUS CHRIST IN SCRIPTURE /**  
**WHO IS JESUS CHRIST?**  
**10 UNITS—TWO SEMESTERS COURSE #101/102**

The purpose of the first semester course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. They will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

The purpose of the second semester course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

**RELIGIOUS STUDIES II**  
**PASCHAL MYSTERY / ECCLESIOLOGY**  
**10 UNITS— TWO SEMESTERS COURSE# 201/202**

The purpose of the first semester 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.

The purpose of the second semester 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, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

**RELIGIOUS STUDIES III**  
**SACRAMENTS / LIFE IN JESUS CHRIST (MORALITY)**  
**10 UNITS — TWO SEMESTERS COURSE # 301/302**

The purpose of the first semester course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

The purpose of the second semester course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

**RELIGIOUS STUDIES IV**  
**WORLD RELIGIONS (P)/VOCATIONS**  
**10 UNITS — TWO SEMESTERS COURSE# 401/402**

Great Religions of the World opens doors to spiritual riches of the world's major religions. This course invites students to re-examine their personal faith and religious life in more depth.

In the second semester, the students will study Christian Lifestyles, a more comprehensive course that addresses issues relevant to all states of life from a Christian perspective. Students will examine single life, marriage, religious life, and ordained ministry.

*Students Enter to Learn & Leave to Serve*

# ENGLISH

All English department courses are aligned with the California State Standards for the Language Arts and meet UC/CSU "B" requirements for English except as noted.

**Chair: Mrs. Susan Pennington**

## ***Required Courses:***

## ***Required Courses:***

<b>ENGLISH IA/IB (P)</b> 10 UNITS — TWO SEMESTERS      COURSE# 1101/1102
This course is introductory in nature; it lays the groundwork for future department offerings. The academic year includes an introduction to expository, narrative, persuasive, and research writing; Greek mythology; short stories; poetry; <i>The Absolutely True Diary of a Part-Time Indian</i> ; <i>To Kill a Mockingbird</i> ; <i>A Raisin in the Sun</i> ; and <i>Romeo and Juliet</i> . The course integrates research skills, literature, vocabulary, composition, and grammar to create a strong curriculum. A comprehensive written final examination is required each semester.

<b>ENGLISH IIA/IIB (P)</b> 10 UNITS — TWO SEMESTERS      COURSE# 1201/1202
This course builds on previous knowledge and experience with a focus on World Literature. The writing assignments assume an understanding of the terms and skills taught in freshman year. The course includes readings in non-fiction, poetry, short stories, <i>The Odyssey</i> , <i>Julius Caesar</i> , <i>Lord of the Flies</i> , and <i>The Joy Luck Club</i> . Literature, vocabulary, composition, and grammar are integrated and taught together throughout the year. A comprehensive written final examination is required each semester.

<b>SPEECH (P)</b> 5 UNITS — ONE SEMESTER      COURSE# 1110
Major areas of study include integrity, extemporaneous speaking, the voice, impromptu speaking, and group discussion. Speech is chiefly a performance course. The vast majority of the students' time in class is spent in giving and listening to speeches. Pronunciation, vocabulary, and logic are also examined, but always within the context of platform performance. Special emphasis is placed on outlining and the three-part structure of the speech, i.e., introduction, body, and conclusion. An oral exam (performance) is required.

<b>ENGLISH IIIA/IIIB (P)</b> 10 UNITS — TWO SEMESTERS      COURSE# 1301/1302
English III traces the development of the unique American voice through literary and historical movements; the emphasis is on how authors convey the attitudes of their times. In addition to reading non-fiction, stories, and poetry from the textbook, students will read <i>The Crucible</i> , <i>The Great Gatsby</i> , <i>Twelve Angry Men</i> , and other important American texts. Students explore Puritanism, Romanticism, Regionalism, Realism, Modernism, and Post-Modernism. Regular writing assignments, including essays, are required each semester, and a research paper is required during the second semester. A comprehensive written final examination is required each semester.

## ***Elective Courses:***

<b>LITERATURE TO FILM A/B (P)</b> 10 UNITS — TWO SEMESTERS      COURSE# 1625/1626
<b>PREREQUISITES:</b> <ul style="list-style-type: none"><li>• Junior Standing</li><li>• C- or better in Sophomore English (Required)</li></ul> In this two-semester course students learn to interpret the language of Film. The course covers film literacy and criticism, art appreciation, and the motion picture production process. Students learn how to look at film, critical methodologies, narrative structure, and visual communication strategies. This course prepares students for college level writing and exposes them to critical theory used in Film, Literature, Media studies, and Art History. In the second semester, students learn relevant technological skills necessary to produce a short motion picture both narrative and documentary.

<b>ENGLISH IVA/IVB (P)</b> 10 UNITS — TWO SEMESTERS      COURSE# 1401/1402
English IV gives students a sense of British literature and the beginnings of the Western Tradition through readings such as <i>Oedipus Rex</i> , <i>Beowulf</i> , and <i>Macbeth</i> . Students read prose, poetry, drama, and non-fiction to explore British literary traditions and movements from the English Renaissance to Post-Moderns in order to understand the eternal themes that continue today. The skills of literature, vocabulary, composition, and grammar are integrated and taught together throughout the year. The intensive work begun in English I, II, and III is continued and completed in this course. A comprehensive written final exam is required each semester.

# ENGLISH

All English department courses are aligned with the California State Standards for the Language Arts and meet UC/CSU "B" requirements for English except as noted.

## Elective Courses:

### HONORS ENGLISH IA/IB 10 UNITS — TWO SEMESTERS COURSE# 1103/1104

#### PREREQUISITES:

- Appropriate scores on Entrance Exam, including writing samples; writing sample from eighth grade teacher (could be emailed to school);
- Interview response to questions regarding student's interest in participating in English I Honors, if he qualifies

This course is offered to freshmen who have demonstrated they can meet the demands of a more intense English course. English I Honors is introductory in nature; it lays the groundwork for future department offerings. The first semester introduces students to the genres of fiction, non-fiction, poetry, and drama. Texts include short stories, poetry, *To Kill a Mockingbird*, *Of Mice and Men*, *Romeo and Juliet*, Greek mythology, and *A Raisin in the Sun*. Essays, including a research project, require students to demonstrate their understanding of course content. The course integrates research skills, literature, vocabulary, composition, and grammar so that these skills are taught in conjunction throughout the year. A comprehensive written final exam is required each semester.

A SUMMER READING PROJECT IS REQUIRED.

### AP ENGLISH LANGUAGE A/B (P) 10 UNITS — TWO SEMESTERS COURSE# 1411/1413

#### PREREQUISITES:

- B or better in English II
- Teacher Recommendation
- Writing Sample
- Appropriate score on placement test

This course is offered to juniors who have shown they can meet the standards of a more demanding English course. In addition to the textbooks Prentice-Hall's *The American Experience* and *Everyday Use: Rhetoric at Work in Reading and Writing* AP Edition, three novels, *Animal Farm*, *The Scarlet Letter*, and *The Adventures of Huckleberry Finn*, and a non-fiction work *I know Why The Caged Bird Sings* are required reading during the year. The writing assignments are similarly rigorous and may include introductory style analysis in addition to journals, essays, research papers, and stories. Taking the AP English Language exam is required. A comprehensive written final exam is required each semester.

A SUMMER READING PROJECT IS REQUIRED.

### HONORS ENGLISH IIA/IIB (P) 10 UNITS — TWO SEMESTERS COURSE# 1203/1204

#### PREREQUISITES:

- B or better in English I
- Teacher Recommendation
- Writing Sample

This course is offered to sophomores who have shown they can meet the standards and demands of a more intense English course. The course includes a variety of readings including non-fiction, short stories, poetry, *The Odyssey*, *Julius Caesar*, *The Joy Luck Club*, *My Children! My Africa!*, and *Great Expectations*. In addition to reinforcement and practice of the writing skills introduced during freshman year, students will be required to display rigorous analysis of literature and a clear understanding of terms and devices. Literature, vocabulary, composition, and grammar are integrated and taught together throughout the year. A comprehensive written final exam is required each semester.

SUMMER AND WINTER READING PROJECTS ARE REQUIRED.

### AP ENGLISH LITERATURE A/B (P) 10 UNITS — TWO SEMESTERS COURSE# 1410/1412

#### PREREQUISITES:

- B or better in English III or AP English Language
- Teacher Recommendation
- Appropriate PSAT verbal scores
- Appropriate score on placement test

AP English Literature fulfills the requirement for English IV and is offered to seniors who meet the qualifications listed above. The course is designed in part to meet the English literature and writing requirements for college freshmen. It also prepares students for the Advanced Placement Examination in English Literature and Composition given by the College Board. In the class, students will read a variety of texts and excerpts including British and American poetry and stories, important non-fiction, *The Great Gatsby*, *The Iliad*, *Oedipus Rex*, *Antigone*, *Macbeth*, *Hamlet*, *1984*, *Frankenstein*, *Mrs. Dalloway*, and *The Piano Lesson*. Students will master textual analysis and complex writing; they will also expand their knowledge of literary forms, terms, and devices.

SUMMER AND WINTER READING PROJECTS ARE REQUIRED.

# ENGLISH

All English department courses are aligned with the California State Standards for the Language Arts and meet UC/CSU "B" requirements for English except as noted.

## Elective Courses:

### ESL (P)

5 UNITS - TWO SEMESTERS

COURSE# 7625

#### PREREQUISITES:

- Previous English Instruction.

The course focuses on essential language skills for English communication in a wide range of personal and academic contexts for high beginning level learners. Numerous speaking and listening activities are explored in role-playing activities and classroom discussions designed to prepare the students for more thorough classroom participation. The course will provide foundational grammar including the use of all simple and progressive verb tenses, subject pronouns, possessive pronouns and adjectives, adjective and adverb modifiers, phrasal verbs, phrases, and clauses.

Subject specific vocabulary from across the curriculum will be introduced and incorporated within speaking, listening, and writing activities leading to the student's ability to write compound/complex sentences, Schaffer "chunk" paragraphs, and short expository essays.

The course will introduce students to the fundamental literary devices used in fictional short stories, one-act dramas, and novella with a final requirement that students write a literary analysis essay.

### GREAT BOOKS A/B (P)

10 UNITS — TWO SEMESTERS

COURSE# 1608/1610

#### PREREQUISITES:

- Overall grade average of B or better
- 11th and 12th graders only

This course is designed to enable students to come in contact with the thinking and writing of some of the great authors of our western cultural heritage. Students will be reading from primary, rather than secondary sources. After an assigned reading, students will exchange insights in seminar discussion. The insights developed from these discussions will be related to current issues where possible. Frequent writing assignments will help students articulate the thoughts and knowledge gained from the seminar. Authors will include Plato, Aristotle, Augustine, Aquinas, Euclid, Chardin, St. Teresa of Avila, and Mortimer Adler. Texts: *The Confessions of St. Augustine* and *The Great Dialogues of Plato*. Selected texts from other authors will be given to the students. A comprehensive written final examination is required.



# SCIENCE

All Science department courses are aligned with the California State Standards for the Science and meet UC/CSU "D" requirements for Science except as noted.

**Chair: Mr. David Galaz**

## Required Courses:

### **BIOLOGY A/B (P)**

**10 UNITS — TWO SEMESTERS COURSE# 4201/4202**

The goal of this course is to provide students with a solid understanding of the principles and processes of biological science. Biology informs our understanding of the world from practical applications in health to the deepest philosophical questions of our origins. The class will focus on five key biological processes: evolution, cell biology, genetics, physiology, and ecology. The class emphasizes scientific methods and laboratory techniques including dissections and the use of microscopes.

### **CHEMISTRY A/B (P)**

**10 UNITS — TWO SEMESTERS COURSE# 4311/4312**

The goal of this course is to provide students with a solid understanding of the principles and processes of chemistry. As a science, Chemistry is the study of the composition of matter and the changes that matter undergoes. The class will focus on the language of chemistry including symbols, formulas, and equations. Students will apply basic laboratory techniques to gain a better understanding of the material. Problem solving using appropriate formulas and mathematical procedures is also emphasized.

### **PHYSICS A/B (P)**

**10 UNITS — TWO SEMESTERS COURSE# 4401/4402**

Physics is a laboratory science course that examines the interactions between matter and energy. Students explore physics concepts through an inquiry-based approach. Emphasis is placed on understanding the concepts of Mechanics, Electricity, and Magnetism. Using the Scientific Method to developing an awareness of the impact of physics on society is also emphasized.

### **HONORS BIOLOGY A/B (P)**

**10 UNITS — TWO SEMESTERS COURSE# 4203/4204**

#### **PREREQUISITES:**

- **Biology Assessment Exam**
- **HSPT Score**

Subject matter is similar to Biology but with a greater emphasis on laboratory techniques, basic chemistry, and microbiology. This class will move at a faster pace and focus on concept development and synthesis of information.

During the month of May, students are required to take the single subject exam in Honors Biology that is administered by the College Board.

### **HONORS CHEMISTRY A/B (P)**

**10 UNITS — TWO SEMESTERS COURSE# 4313/4314**

#### **PREREQUISITES:**

- **B or better in Biology, Algebra I**
- **Chemistry assessment exam**
- **Concurrent enrollment in Algebra II or better**

Honors Chemistry is a challenging course, offering more in-depth treatment of materials covered in Chemistry including a more intensive mathematical approach and greater emphasis on laboratory methods and techniques.

During the month of May, students are required to take the single subject exam in Honors Chemistry that is administered by the College Board

### **HONORS PHYSICS A/B (P)**

**10 UNITS — TWO SEMESTERS COURSE# 4421/4422**

#### **PREREQUISITES:**

- **Concurrent enrollment in Honors Pre-Calculus**

Honors Physics is designed for the college bound student that will be taking additional physical science courses in their college career. The course will engage students in investigating observable phenomena in the world around them, describing their causes, and empirically predicating outcomes. The emphasis is placed on problem solving; students will be challenged to apply math skills to physics concepts in new ways. Students are guided through the use of the scientific method and data collection, describing and predicting linear and projectile motion, Newton's laws, rotational motion, thermodynamics, wave properties, light and optics, and electromagnetism. Laboratory experimentation is a significant component of Honors Physics, comprising more than 20% of the course.

During the month of May, students are required to take the single subject exam in Honors Physics that is administered by the College Board

# SCIENCE

All Science department courses are aligned with the California State Standards for the Science and meet UC/CSU "D" requirements for Science except as noted.

## Elective Courses:

### AP PHYSICS I A/B (P)

10 UNITS — TWO SEMESTERS

COURSE# 4360/4361

#### PREREQUISITES:

- B or better in both semesters of Physics and English
- or achieve a score of 650 or better on the single subject exam in Physics.
- Concurrent enrollment in Pre-Calculus or better

The AP Physics 1 course is designed as an equivalent to the algebra-based college-level physics class. At the end of the course, students are required to take the AP Physics 1 exam, which will test their knowledge of both the concepts taught in the classroom and their use of the correct formulas. Lab work is integral to the understanding of the concepts in this course; therefore 25% of each week will be used for lab activities. Students will be required to meet once a week outside of normal class time to achieve this goal. All students are required to complete a significant amount of coursework by July 4<sup>th</sup> in order to be prepared for three mandatory summer sessions. Credit for College Physics is determined by passing the AP Exam and is determined by individual Universities.

### AP CHEMISTRY 1-2 (P)

10 UNITS — TWO SEMESTERS

COURSE# 4380/4381

#### PREREQUISITES:

- Successful completion of Honors Chemistry with B or better in both semesters
- or achieve a score of 650 or better on the single subject exam in Chemistry. The exam will be given on campus.
- B or better in English
- Concurrent enrollment in Pre-Calculus or better

AP Chemistry is equivalent to a college level general chemistry course that provides rigorous study in four major areas: structure of matter, states of matter, reaction and descriptive chemistry. Students must be highly motivated to take this rigorous course. At the end of the year, students are required to take the Advanced Placement Examination for college credit. The student will demonstrate a basic understanding of, and the ability to apply, mathematical solutions to problems involving atomic theory and structures, chemical bonding, nuclear chemistry, kinetic theory, solutions, reaction types, stoichiometry, equilibrium, kinetic, thermodynamics, and descriptive chemistry. Evaluation is based on homework, lab reports and tests. Much of the class is "out of class homework" and in class "lab" based work.

### HUMAN PHYSIOLOGY & ANATOMY A/B (P)

10 UNITS — TWO SEMESTERS

COURSE# 4530/4531

#### PREREQUISITES:

- C or better in the following courses:
- Algebra I, Biology, Chemistry, and English

This year long course involves a basic introduction to the anatomy and physiology of the human body. Students completing this class will have gained solid understanding of the major functions of most body parts and systems as well as how these relate to disease, injury, and other health issues. Each student will obtain extensive experience with dissections and group work. Much of the second semester will involve hands-on activities exemplifying physiological aspects of the human body.

### AP BIOLOGY (P)

10 UNITS — TWO SEMESTERS

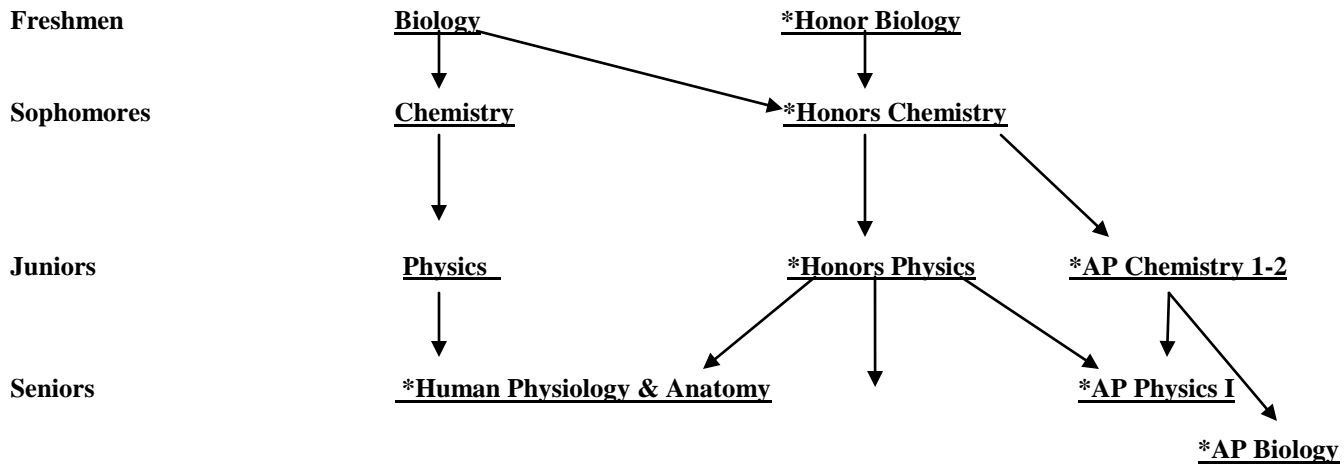
COURSE# 4215/4216

#### PREREQUISITES:

- 12<sup>th</sup> graders only (Academy and Non-Academy)
- B or better in Biology and Chemistry along with teacher recommendation.

Description: AP Biology includes college level topics in biology as determined by The College Board. Topics include, but are not limited to, cell biology, genetics, biotechnology, evolution of organisms, phylogeny, animal physiology, and ecology. Students will master skills related to the reading of technical text, scientific writing, and real world science applications. May earn college credit based on score earned on advanced placement exam. This course requires completion of a summer assignment prior to the beginning of the school year.

# Progression of Science Courses



\*Prerequisite required

Last revised: 2018

# MATHEMATICS

All Math department courses are aligned with the California State Standards for the Math and meet UC/CSU "C" requirements for Math except as noted.

## Required Courses:

Chair: Mr. Abel Gutierrez

## Elective Courses:

**ALGEBRA IA/IB (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3111/3112

### PREREQUISITES:

- Satisfactory grades in 7<sup>th</sup> and 8<sup>th</sup> grade math
- Satisfactory test scores in the mathematics
- part of the high school entrance exam.

This is a student's first high-school mathematics class and serves as the foundation for future study in the field. Students learn to 1) simplify (i.e., add, subtract, multiply, and divide) expressions with numbers and variables, 2) solve and graph linear equations and systems, and 3) translate situations presented in word problems into equations so as to answer the questions posed by the problems. Additional topics include exponents, roots, and factoring

**MATH LAB A/B**  
10 UNITS — TWO SEMESTERS COURSE# 3150/3151

### PREREQUISITES:

- Concurrent enrollment in Algebra I
- Placement determined by High School entrance exam scores and summer school

The Math Lab is a project-based course supporting the Algebra I curriculum. The Math Lab course builds upon students' previous knowledge of mathematics in their lives by using hands-on applications. Students will explore algebraic concepts and use scientific reasoning to bolster their computational and critical thinking skills. Students will complete labs in class and review algebraic skills using technology.

**GEOMETRY A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3211/3212

### PREREQUISITES:

- Completion of Algebra I

Geometry applies deductive and to a lesser degree inductive logic to the study of simple figures (such as points and lines) in space. The inductive and deductive techniques serve as a necessary foundation in higher mathematics as well as rigorously exercising the student mind. Students learn about the basic geometric terms and figures, properties of parallel lines, congruency and similarity of polygons, circles, area of plane figures, writing proofs, and constructions.

**ALGEBRA IIA/IIB (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3301/3302

### PREREQUISITES:

- Completion of or concurrent enrollment in
- Geometry

This course reviews topics from Algebra I. This course includes graphing and solving functions, linear and quadratic inequalities, and systems of equations. This course also covers algebraic simplification, evaluation, and advanced factoring. Irrational and complex numbers and applications are also introduced. This course applies algebraic concepts to various types of word problems.

**HONORS GEOMETRY A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3221/3222

### PREREQUISITES:

- B or better in Algebra I or Honors
- Diagnostic Placement

This course is offered to students excelling in Algebra I. It covers the same subject matter as non-honors Geometry but at a faster pace so that additional topics are covered such as solid geometry, coordinate geometry, right triangle trigonometry, constructions and loci, transformations, composition, and symmetry. In addition, each semester a project is required.

**HONORS ALGEBRA IIA/IIB (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3311/3312

### PREREQUISITES:

- B+ or better in Algebra I or Algebra I Hon
- B+ or better in Geometry or Geometry Hon
- Teacher Recommendation
- Diagnostic Placement

This course covers the same materials as Algebra II at an accelerated pace. Additional topics such as direct and inverse variation, algebraic proofs, matrices, exponential functions, logarithmic functions, trigonometric functions and vectors are covered. This course requires the use of a TI-Nspire CAS graphing calculator. After successful completion of this course, students would take Pre-Calculus or Pre-Calculus Honors the following year.

**STATISTICS A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3420/3428

### PREREQUISITES:

- C+ or better in Algebra I and II
- Placement Test

This year-long course provides an introduction to statistics for students whose mathematical background is limited to Algebra II. It covers the basic ideas of descriptive statistics such as collection, organization, summarization and presentation of data; as well as inferential statistics which include making inferences from samples to population estimation, hypothesis testing, determining relationships and making predictions based on the basic concepts and rules of probability. Applications of statistics in everyday field of endeavor are discussed. This course will use extensively Microsoft Excel, statistical software and use the TI-Nspire CAS graphing calculator.

# MATHEMATICS

All Math department courses are aligned with the California State Standards for the Math and meet UC/CSU "C" requirements for Math except as noted.

## Elective Courses:

**PRE-CALCULUS A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3411/3412

**PREREQUISITES:**

- **C+ or better in Algebra II**

This course covers polynomial, conic and trigonometric functions. It introduces the graphs of these functions as well as their transformations. Other topics included in this course are analytic geometry, polar coordinates and vectors. This course requires the use of a TI-Nspire graphing calculator.

**HONORS PRE-CALCULUS A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3413/3414

**PREREQUISITES:**

- **B+ or better in Algebra II**
- **B+ or better in Geometry**
- **Teacher Recommendation**
- **Diagnostic Placement**

This course solidifies the fundamental skills necessary for Calculus. The course covers the same materials as regular Pre-Calculus at an accelerated pace. Additional topics include analytic trigonometry, application of trigonometric functions, the binomial theorem, probability, and the development of limits and derivatives. This course requires the use of a TI-Nspire graphing calculator.

**CALCULUS A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3421/3422

**PREREQUISITES:**

- **B or better in Pre Calculus**
- **Teacher Recommendation**
- **Placement Test**

In Calculus, students will study the branch of mathematics that deals with rates of change in continuous and varying quantities. The class will include exercises in the graphical, numerical, analytical and verbal representation of functions; derivative rates of change and the use of derivatives to solve a variety of problems; and derivative and definite integrals as expressed in both parts of the Fundamental Theorem of Calculus. Students will communicate mathematical solutions both orally and with the written word; use technology to help solve problems, interpret results, and verify conclusions; and determine the reasonableness of solutions.

**AP CALCULUS AB A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3425/3429

**PREREQUISITES:**

- **B or better in Pre-Calculus**
- **Teacher Recommendation**
- **Diagnostic Placement**

AP Calculus AB is a college level course providing an introduction to the main principles of calculus and emphasizing the development of problem solving using GATE (graphing, algebra, tables and explanation). The first semester will cover limits, derivatives and differentials along with word problems related to these topics. In the second semester we will cover integration and all related aspects of the anti-derivative. The aim of the class is to duplicate the learning experience in a first semester College Calculus course. Students validate their learning by taking the Calculus AB AP test in May.

**AP CALCULUS BC A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 3423/3427

**PREREQUISITES:**

- **B or better in AP Calculus AB**
- **Teacher Recommendation**
- **Mini Calculus seminars in the summer**

Advanced Placement Calculus BC is a second year college course taught at Cathedral High School. Although the class meets three times a week for two full blocks and a 40 minute session, students are required to attend two morning sessions with the teacher before school on non-class days. All students are required to attend a mini calculus seminar of four sessions in the summer in preparation for the school year. During the second semester, students are required to attend four three-hour Saturday sessions of which two are practice Calculus AP BC exams. College credit is obtained only by passing the AP exam and is determined by the University that each student applies to.

**COMPUTER SCIENCE I (GAME DESIGN) (P)**  
10 UNITS — TWO SEMESTERS COURSE# 7550/7551

**PREREQUISITES:**

- **10<sup>th</sup> - 12<sup>th</sup> graders only**
- **Cumulative GPA 3.00 or better**

In this year-long course students will learn foundational computing, game design mechanics and coding necessary to create an actual computer generated game (s). Students will work collaboratively following a real-world design and engineering process to create both simple and complex game (s) using a professional process.

# Cathedral High School Math & Science Academy



Once accepted to Cathedral High School  
Students with significant HSPT test results  
Will be invited to the  
Math & Science Academy.

**Program benefits include:**

1. Award of Scholarship Funds
2. Guaranteed admission to Honors and AP Courses.
3. Rigorous SAT Prep Class.
4. Academic mentoring program.

**On the next page you will find a sample course outline for  
Math & Science Academy Scholar**

## **Math & Science Academy Scholar Freshmen Program of Studies**

### **Math and Science Academy**

The Math and Science Academy is designed for the high-level Freshmen who is interested in completing a full four-year Advanced Placement (AP) Program. Students will be required to pass a Math placement exam.

#### **COURSE DISTINCTIONS**

##### **College Preparatory (P) Courses**

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

##### **HONORS COURSES**

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

##### **ADVANCED PLACEMENT (AP) COURSE**

Cathedral High School also participates in the nationwide Advanced Placement program of college-level instruction in high school by offering Advanced Placement courses. Students who complete these classes are eligible to take college grade examinations prepared by the College Entrance Examination Board. Success in the examination will earn the student college credits, advanced placement in college, or both.

### **Math and Science Academy Freshmen Classes**

The following program of studies is required for freshmen students enrolled in the Math and Science Academy. Students must take seven (7) courses for each year of enrollment. All required course must be taken at Cathedral High School

#### **FRESHMEN ACADEMY PROGRAM OF STUDIES**

HONORS ENGLISH I  
RELIGION 9

HONORS ALGEBRA II (P)  
HONORS BIOLOGY (P)  
SPANISH I (P)

MEDIA GRAPHICS (P)  
COLLEGE PREP ELECTIVE (P)

**SUMMER CLASS**  
(TAKEN PRIOR TO 9TH GRADE)  
A SUMMER MATH CLASS IS REQUIRED FOR ENTRY  
INTO THE ACADEMY

# SOCIAL STUDIES

All Social Studies department courses are aligned with the California State Standards for the Social Studies and meet UC/CSU "A" requirements for Social Studies except as noted.

## Required Courses:

Chair: Mr. Robert Ryan

## Elective Courses:

### **WORLD HISTORY A/B (P)** 10 UNITS — TWO SEMESTERS COURSE# 2201/2202

This course provides the students with an overview of world history from the Renaissance to our post-Cold War era through analysis of social, political, economic, and geographic forces that shape Western and non-Western cultures. Specific instruction is provided to assist students in developing a thesis and completing one college prep research paper.

### **HONORS WORLD HISTORY A/B (P)** 10 UNITS — TWO SEMESTERS COURSE# 2221/2222

#### **PREREQUISITES:**

- To be determined by the Dean of Studies
- Or
- Concurrent enrollment in English II Honors

This course meets the 10th Grade requirement for World History with emphasis on critical reading and writing skills. It offers an in-depth narrative treatment of World History from the Renaissance to the present. Assignment will prepare for enrollment in AP US History, however enrollment in World History Honors will not guarantee enrollment in AP US History.

### **UNITED STATES HISTORY A/B (P)** 10 UNITS — TWO SEMESTERS COURSE # 2301/2302

This course offers a chronological narrative treatment of American history, highlighting major events and developments. It will also discuss those who have contributed to our nation's history. It will help students understand how past events are related to the present. Students will also analyze historical issues and deepen their understanding of American history.

### **AP US HISTORY A/B (P)** 10 UNITS — TWO SEMESTERS COURSE# 2310/2311

#### **PREREQUISITES:**

- A in World History**
- B or better in World History Honors**
- Humanities Success Index including:**
- PSAT Verbal score**
- GPA in English, World History, Religion classes**
- Teacher recommendations**
- AP U.S. History assessment test**

This course meets the 11<sup>th</sup> grade requirement of U.S. History. It offers a chronological, in-depth narrative treatment of American history. It prepares students for the nationwide Advanced Placement Examination in U.S. History given by the College Board. A grade of 3 or better may meet the college requirement for a U.S. History course. Monthly weekend sessions are required.

### **UNITED STATES GOVERNMENT A/B (P)** 10 UNITS — TWO SEMESTERS COURSE# 2401/2402

This course provides the student with a basic understanding of the structure and operation of the federal and state governments. At the same time, it calls attention to the basic values on which political and legal systems are based, and the principles that give direction to the ways in which those systems work.

### **AP US GOVERNMENT A/B (P)** 10 UNITS — TWO SEMESTERS COURSE# 2410/2411

#### **PREREQUISITES:**

- **A in US History**
- **B or better in AP US History**
- **Humanities Success Index including:**
- **PSAT Critical Reading score**
- **GPA in English, US History, Religion classes**
- **Teacher recommendation**
- **AP Government Assessment Exam**

This course meets the 12<sup>th</sup> grade requirement of U.S. Government. The course offers an in-depth treatment of the structure, functions and operations of American government. The course prepares students for the nationwide Advanced Placement Examination in U.S. Government given by the College Board. A grade of 3 or better on the AP test may meet the college requirement for a U.S. Government course.



# SOCIAL STUDIES

All Social Studies department courses are aligned with the California State Standards for the Social Studies and meet UC/CSU "A" requirements for Social Studies except as noted.

## Elective Courses:

**PSYCHOLOGY A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 2500/2503

**PREREQUISITES:**

• **11<sup>th</sup> & 12<sup>th</sup> graders only**

This course provides students with an introduction to psychology: its history and development, its important figures, its basic principles and methods, and its main areas of application and concern in everyday life. Instructional methods include film analysis, case studies, and formal lecture.

**LAW IA/IB (P)**  
10 UNITS — TWO SEMESTERS COURSE# 2415/2416

**PREREQUISITES:**

• **11<sup>th</sup> or 12<sup>th</sup> graders only**

This course will provide the student with a law-related education that provides practical information and problem solving skills for students with an interest in our law-saturated society. Emphasis is placed on role-playing through case studies, mock trials, and moot court. The fall semester will focus on the history, structure, and process of the criminal justice system, and the spring semester will focus on the civil courts.

**CRIMINAL JUSTICE A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 2375/2376

**PREREQUISITES:**

• **12<sup>th</sup> graders only**

This course provides an introduction to the study of criminal justice in American society and focuses on the history, philosophy, functions, roles, policies, practices, and ethics of the institutions of social control within the criminal justice system, especially police, courts, and correctional personnel. The class is being taught by a former LAPD officer and will provide in-depth analysis of police, police systems and the police role.; limitations imposed on law enforcement in a democratic society in accordance with the Constitution; problems affecting crime control and the interdependence of police and community.

# LANGUAGE OTHER THAN ENGLISH (LOTE)

All courses meet the UC/CSU "E" requirement for Language other than English

## Required courses:

**Chair: Ms. Martha Lira**

## Elective courses:

**SPANISH IA/IB (SPEAKER) (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5101/5102

### **PREREQUISITE:**

- Oral/aural fluency in Spanish
- Spanish Placement Exam

This course fulfills the requirement for Spanish I. It is an introduction to the study of basic Spanish grammar for students who already have limited skills in grammatical rules, reading, and writing. This course strives to develop the following skills: a speaking fluency with incorporation of proper academic Spanish; knowledge of the origin, formation, and history of the Spanish language.

**SPANISH IA/IB (NON-SPEAKER) (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5103/5104

### **PREREQUISITE:**

- Spanish Placement Exam

This course will enable students to attain an appropriate level of proficiency in the Spanish language with four basic language skills: listening, reading, speaking, and writing. An introduction to the history, geography, and the culture of Spain is complementary to the course.

**SPANISH IIA/IIB (SPEAKER) (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5213/5214

### **PREREQUISITE:**

- Spanish I Speaker

This course fulfills the requirement for Spanish II. This course is a continuation of Spanish I Speaker. The course will emphasize the acquisition of advanced grammar structures, writing techniques, and styles as well as introducing literature. The study of history, geography, and culture of Spain and Latin America is an integral part of this course, which aims to promote knowledge, understanding, and appreciation of the Hispanic culture.

**SPANISH IIA/IIB (NON-SPEAKER) (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5223/5224

### **PREREQUISITE:**

- Spanish I Non-Speaker

This course emphasizes mastery of all four skills: listening, reading, speaking, and writing. It also reviews the grammar principles of Spanish I. Dialogue and active performances through the appreciation of the customs and traditions presented. This course will also present the history, geography, and culture of the countries in Latin America.

**SPANISH IIIA/IIIB (SPEAKER) (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5301/5302

### **PREREQUISITES:**

- C or better in Spanish II
- A in Spanish I and Teacher's Recommendation

In addition to the requirements of Spanish III non-speaker, this course will offer students the opportunity to study short stories, poetry and other written works in Spanish. The student will also continue to increase his writing ability and his knowledge of the Spanish-speaking world. This course will be conducted in Spanish.

**SPANISH IIIA/IIIB (NON-SPEAKER) (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5303/5304

### **PREREQUISITES:**

- C or better in Spanish II

This course emphasizes mastery of all skills: listening, reading, speaking, and writing. It also reviews the grammar principles of Spanish II. This course emphasizes dialogue and creative and active performance through the appreciation of the customs and traditions presented through the units. It will also explore Hispanic culture and traditions in order to foster genuine interest, respect, pride, and love for the Hispanic heritage and its people.

**AP SPANISH LANGUAGE A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5510/5511

### **PREREQUISITES:**

- B or better in Spanish I, II, III
- Teacher's Recommendation

Advanced Placement in Spanish Language is a literature-based course that is designed to cover the content of a Spanish Language course during the first year of college. The emphasis is on the following genres: short story, poetry, drama, essay, and novel. This course will prepare you for the AP Language exam, which is a requirement for this class. Students achieving a passing score on this exam (3-5) may meet the requirement for college-level Spanish course.

# LANGUAGE OTHER THAN ENGLISH (LOTE)

All courses meet the UC/CSU "E" requirement for Language other than English

## Elective courses:

**HONORS SPANISH IIA/IIB (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5250/5251

**PREREQUISITE:**

- A or B in Spanish I Spk
- Teacher's Recommendation

This course fulfills the requirement for Spanish II. This course is a continuation of Honors Spanish I. This course builds on the fundamentals taught in Honors Spanish I. Instruction of grammar, vocabulary, composition, and culture are in greater depth and at an accelerated pace. The course will emphasize the acquisition of advanced grammar structures, writing techniques, and styles as well as literature. Oral proficiency is required of advanced beginner or heritage speaker.

**HONORS SPANISH IIIA/IIIB (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5305/5306

**PREREQUISITES:**

- A in Spanish II NS
- Teacher's Recommendation

This course emphasizes mastery of all skills: listening, reading, speaking and writing. Students will read and analyze various works of literature from different time periods such as poetry, short stories and other written works in Spanish. Another integral part of the course will emphasize dialogue and creative and active performances through the appreciation of the customs and traditions presented through the units. Furthermore, the students will explore Hispanic culture and traditions in order to foster genuine interests, respect, pride and love for the Hispanic heritage and its people.

**AP SPANISH LITERATURE A/B (P)**  
10 UNITS — TWO SEMESTERS COURSE# 5520/5523

**PREREQUISITES:**

- B or better in Spanish I, II
- Completed AP Spanish Language with C or Better
- A in Spanish III
- Teacher's Recommendation

This is a University-style survey course which will introduce the student to many literary works, styles and forms recurrent in literature of Spain and Latin America from the Middle Ages to the 20<sup>th</sup> Century. This course is preparation for the AP Spanish Literature Exam, which is a requirement for this class- administered in May. Readings include: El Lazarillo de Tormes, "Chac Mool", and El Burlador de Sevilla. This course will also help you form opinions about ideas based on logical reasons and evidence; to write well organized, clearly expressed thesis-based essays and to organize and write quickly enough to be successful in college level courses. A summer reading packet is required for this course. Students achieving a passing score on this exam (3-5) may meet the requirement for college-level Spanish course.

# VISUAL AND PERFORMING ARTS

All courses meet the UC/CSU "F" requirement for Visual and Performing Arts except as noted.

## Required courses:

**Chair: Mr. Joe Walsh**

## Elective Courses

### **THEATRE ARTS I (P)** 5 UNITS — ONE SEMESTER COURSE# 6540

This course introduces students to the craft of acting by way of improvisation, theater games, and exercises to develop flexibility, imagination, agility, and expressiveness in the beginning actor. The course organizes its material around two themes – the actor and the play. Theater Arts teaches students how to read monologues and play scripts analytically. Students learn to evaluate the play and the performance, and in doing so, they bring together the two themes of the course.

## Elective Courses

### **STUDIO ART I A/B (P)** 10 UNITS — TWO SEMESTERS COURSE# 6512/6515

Students will be introduced to the basic skills needed for creative expression in the visual arts. The skills of perception, drawing techniques, composition, design, as well as the principles of color theory will be explored. Sculptural and functional ceramics will be created with an emphasis on the fundamental techniques in the construction and decoration of ceramics.

The fall semester focuses on ceramic processes. Students will learn a variety of hand-building techniques, laying the foundation for more ambitious projects. The use of glazes and painted surfaces are introduced for decoration of the work. A variety of functional and sculptural work will be completed during the semester.

The spring semester begins with pencil and charcoal drawing, before moving on to pastels and painting techniques. The formal concepts of the design chart provide the basic formula for the development of two-dimensional artworks. The introductory concepts and techniques will be explored through the use of a variety of media. The skills acquired will prepare the student for future study and exploration in the visual arts. Students will also develop an appreciation for art as a vital aspect of human and cultural documentation.

Students will be introduced to important developments and key works and artists within history of art. The study of drawing, painting, and sculpture will provide context and historical precedents for more contemporary works of art, while providing points of departure for the creation of sophisticated student works.

Most importantly, students will come to understand that the skills of drawing and art creation can be learned just as any new skill is acquired, through patience and desire to succeed and learn. The basics of art do not require innate talent or special ability. This course is the prerequisite for Studio Art II.

### **THEATRE ARTS II/III (P)** 10 UNITS — TWO SEMESTERS COURSE# 6541/6545

#### **PREREQUISITES:**

- **Completion of Theatre Arts I with a grade of**
- **"C " or better or instructor approval**

This course encourages competence for students in the craft of acting by way of improvisation, theater games, and exercise to develop flexibility, imagination, agility, and expressiveness. This course focuses on the roles of the actor and the director. Students learn how to analyze a play from the actor's and the director's point of view. The format of the course is one in which each student alternately acts and directs, as well as assisting other students with their projects. Students make analyses and evaluations of others' work as well as the plays and scenes they study during in-class performances. Students attend and evaluate high school, equity waiver, and professional productions. Students will present one performance for invited guests during the first semester, and two during the second semester. These performances will be presented outside of class time. Participation in the class presentations is a requirement of all students.

### **STUDIO ART II A/B (P)** 10 UNITS — TWO SEMESTERS COURSE# 6513/6514

#### **PREREQUISITES:**

- **Completion of Studio Art I A/B with a grade of**
- **"B " or better or instructor approval**

Students will expand upon the basic concepts of Studio Art I. Building on the increased perceptual skills, basic techniques, composition and design, and color, more advanced materials and methods will be explored. Students will create both nonobjective and objective works based on fundamental concepts of design, spatial concerns, scale, as well as inspiration from nature and the human figure. A greater emphasis will be placed on content and personal expression through the use of various materials and subject matter.

The fall semester will focus on the introduction to the potter's wheel. Students will learn the fundamentals needed to create functional mugs, bowls, plates, vases, and lidded jars. Integrating notions of form and function will constantly challenge the artist/potter.

The spring semester places focus on more advanced problems in drawing, using wider variety of drawing media, including graphite, charcoal, conte crayon, ink, pastels, and acrylic paint on canvas. Students will derive inspiration from still lifes, photocompositions, and nature. This course is the prerequisite for Studio Art III.

# VISUAL AND PERFORMING ARTS

All courses meet the UC/CSU "F" requirement for Visual and Performing Arts except as noted.

## Elective Courses

### **STUDIO ART IIIA/IIIB (P)**

**10 UNITS — TWO SEMESTERS COURSE# 6534/6535**

#### **PREREQUISITES:**

- Any Senior who has completed Studio Art II with a B or better
- Instructor Approval

This course represents the culmination of the studio art experience at Cathedral High School and is for those committed to their ongoing personal growth in the visual arts. The course will focus on more advanced problems in drawing, painting, or ceramics, with an emphasis on independent study. The use of a variety of drawing and sculptural techniques must be successfully completed over the duration of the year-long course.

The fall semester entails ceramics and sculpture. The student may pursue the mastery of the potter's wheel, or hand building, with an emphasis on appropriate surface.

### **BAND IA/IB (P)**

**10 UNITS — TWO SEMESTERS COURSE# 6580/6585**

This course will endeavor to cover four disciplines of music – performance, history, theory, and aural skills, by studying music's four general qualities – melody, harmony, rhythm and dynamics. These qualities will be explored within the environment of three performance settings. The performance opportunities offered will include solo, chamber and large ensemble work. The performance aspect of the course will culminate with a successful concert each semester.

### **MUSIC APPRECIATION A/B (P)**

**10 UNITS — TWO SEMESTERS COURSE# 2612/2614**

#### **PREREQUISITES:**

- 11<sup>th</sup> & 12<sup>th</sup> graders only

The course is an overview of the affect of jazz and rock music on American musical history in the twentieth century, concentrating on the blues as a common thread and its interaction with classical Western modes of harmony, melody and rhythm. The course will compare this history with an introduction to world music, emphasizing musical traditions from India and Africa.

### **BAND IIA/IIB (P)**

**10 UNITS — TWO SEMESTERS COURSE# 6581/6588**

This course will continue to cover the four disciplines of music – performance, history, theory, and aural skills, by studying music's four general qualities – melody, harmony, rhythm and dynamics, in a more focused and rigorous environment. These qualities will also be explored within the environment of three performance settings. The performance opportunities offered will again include solo, chamber and large ensemble work. The performance aspect of the course will culminate with a successful concert each semester, comprised of increasingly more difficult compositions.

# VISUAL AND PERFORMING ARTS

All courses meet the UC/CSU "F" requirement for Visual and Performing Arts except as noted.

## Elective Courses

### **VIDEO PRODUCTION I / TV MEDIA DESIGN (P)** 10 UNITS — TWO SEMESTERS COURSE# 3504/3508

**PREREQUISITES:**

- C+ or better in all English classes, interview & Instructor's approval.
- Lab fee \$50.00

This yearlong course is designed to introduce students to the art of film making and develop media literacy. Students will utilize their creativity and artistic expression to write, stage, act in, edit, direct, record and to produce live and taped productions. Students will analyze, evaluate and write critiques of video presentations by peers and professionals. They will also study the history of film production and the cultural context of the media in today's world. The relationship and impact of video production and the media to other disciplines and aspects of life will be discussed. Careers in the media will be explored. Techniques learned will include single camera (film style) and multi-camera productions of pre-taped and live Cathedral High School Television (KCHS-Los Angeles) productions. No experience is required for this course. Students are required to attend activities outside the regular school day.

### **MEDIA GRAPHICS IA/IB (P)** 10 UNITS — TWO SEMESTERS COURSE# 6600/6601

**PREREQUISITES:**

- Computer Literacy with a C- or better
- Lab Fee \$50.00

This yearlong course is a beginning and intermediate study in contemporary media. The class builds on knowledge gained in Computer Literacy as well as emphasizing the elements of art, principles of design and visual expression. Students will complete graphic design and illustration projects and be introduced to animation. Upon completion of this course, students will be able to perform a variety of real world graphic applications. Software used: Photoshop, Illustrator, Adobe Image ready and Flash.

### **VIDEO PRODUCTION II (Non-UC)** 10 UNITS — TWO SEMESTERS COURSE# 3503/3507

**PREREQUISITES:**

- C+ or better in all English classes, interview & Instructor's approval.
- Lab fee \$50.00

This course will explore the theory and practice of advanced video production within the context of art and culture. The relationship of video art to television and other mainstream media will be one focus of the course. This advanced class is designed for students who can work independently, scheduling time outside of class to produce films, present "work in progress" in class, participate in critiques and complete research. Class time will be spend screening work, discussing readings and research, participating in workshops, further development of technical skills, and production of KCHS-LA presentations. This course will include relevant reading and research, writing scripts and producing half-hour and hour long broadcast utilizing advanced lighting and audio recording, digitizing, advanced nonlinear editing, and digital audio mixing. Grading is based on the quality of work produced and performance on written exams. All necessary equipment is provided; students must supply video tape for personal projects.

### **MEDIA GRAPHICS IIA/IIB (P)** 10 UNITS — TWO SEMESTERS COURSE# 6605/6606

**PREREQUISITES:**

- Media Graphics I with a C- or better
- Lab Fee \$50.00

Student will be provided with the necessary experience to master the professional software most commonly used in the field of design. Introduce students to the work processes of graphic editing and different media (paper, digital). Support the concepts that students will learn in other subjects on the syllabus by means of technological tools. Train students so that they can successfully send documents for printing. Strengthen the digital competencies required for the profession, both the use of online tools and the acquisition of good habits.

# COMPUTER SCIENCE

Chair: Mr. Anthony Trafecanty

## Required course:

**COMPUTER APPLICATIONS (NON-UC)**  
5 UNITS — ONE SEMESTER COURSE# 7505

**PREREQUISITES:**

- Lab Fee \$25.00

This course is designed to enable students to develop essential computer concepts and skills needed to be successful in their academic life. Students will be introduced to the Microsoft Suite (Word, PowerPoint and Excel), Cloud Computing, online classes and online homework. Knowledge of computer operating systems as well as networking, researching on the Internet, e-mailing and hardware troubleshooting are some of the course's goals. At the end of the course a student must be able to type a minimum of 40 words per minute with an accuracy rate of fewer than 5 errors.

This class also reinforces ethics while using computers, Internet and other emerging technologies.

# PHYSICAL EDUCATION

Chair: Mr. John Ferrante

## Required Courses:

### **PHYSICAL EDUCATION / HEALTH** 5 UNITS — ONE SEMESTER COURSE# 8100

This one semester course will provide freshmen the opportunity for exercise, organized group physical activities and games. The class will also provide instruction for maintaining proper health and diet and model lifetime health habits.

### **FITNESS, STRENGTH, CONDITIONING** (GRADUATION REQUIREMENT) 10 UNITS — TWO SEMESTERS COURSE# 8120/8121

This year-long physical education course is a new graduation requirement for students who are not playing on a school sports team. Students must enroll in this class in either their sophomore, junior or senior year. The class is intended to provide exercise and the proper instruction to enhance physical fitness and strength for proper health and diet. This course would not be required if a student plays on a school team and is enrolled in a Interscholastic Sports class.

## Elective Courses

### **INTERSCHOLASTIC SPORT FOOTBALL A/B** (REQUIRED FOR PLAYING FOOTBALL) 10 UNITS — TWO SEMESTERS COURSE# 8200/8201

This year-long course is required for students playing on a school sports team so the student may be in condition and receive instruction to assist with their participation and skills necessary to compete on a Cathedral High School sports team. If the school offers this class for a particular team he student is required to be enrolled in this class to be part of the team. Since this is a year-long course, students enrolled must remain in the class before the sport begins and after the conclusion of the particular season. If a student plays more than one sport, the Dean of Studies will assist the student in making adjustment to meet all academic and team sports related requirements.

### **INTERSCHOLASTIC SPORT SOCCER A/B** (REQUIRED FOR PLAYING SOCCER) 10 UNITS — TWO SEMESTERS COURSE# 8210/8211

This year-long course is required for students playing on a school sports team so the student may be in condition and receive instruction to assist with their participation and skills necessary to compete on a Cathedral High School sports team. If the school offers this class for a particular team he student is required to be enrolled in this class to be part of the team. Since this is a year-long course, students enrolled must remain in the class before the sport begins and after the conclusion of the particular season. If a student plays more than one sport, the Dean of Studies will assist the student in making adjustment to meet all academic and team sports related requirements.

### **INTERSCHOLASTIC SPORT BASEBALL A/B** (REQUIRED FOR PLAYING BASEBALL) 10 UNITS — TWO SEMESTERS COURSE# 8220/8221

This year-long course is required for students playing on a school sports team so the student may be in condition and receive instruction to assist with their participation and skills necessary to compete on a Cathedral High School sports team. If the school offers this class for a particular team he student is required to be enrolled in this class to be part of the team. Since this is a year-long course, students enrolled must remain in the class before the sport begins and after the conclusion of the particular season. If a student plays more than one sport, the Dean of Studies will assist the student in making adjustment to meet all academic and team sports related requirements.

### **INTERSCHOLASTIC SPORT BASKETBALL A/B** (REQUIRED FOR PLAYING BASKETBALL) 10 UNITS — TWO SEMESTERS COURSE# 8240/8241

This year-long course is required for students playing on a school sports team so the student may be in condition and receive instruction to assist with their participation and skills necessary to compete on a Cathedral High School sports team. If the school offers this class for a particular team he student is required to be enrolled in this class to be part of the team. Since this is a year-long course, students enrolled must remain in the class before the sport begins and after the conclusion of the particular season. If a student plays more than one sport, the Dean of Studies will assist the student in making adjustment to meet all academic and team sports related requirements.



# NON-DEPARTMENTAL

## ATTENDANCE AIDE (NON-UC)

10 UNITS — TWO SEMESTERS

COURSE# 9530

### PREREQUISITES:

- **Approval of Dean of Studies**

Duties include collecting attendance sheets from classrooms and performing various clerical tasks for the Attendance Office.

This course may be taken more than once.

## PUBLICATIONS (P)

10 UNITS — TWO SEMESTERS

COURSE# 1502

### PREREQUISITES:

- **Approval of the Instructor**
- **Completion of Media Graphics**

This course incorporates and emphasizes cooperative learning for the student with the vocabulary and techniques of publishing. This course requires creativity, imagination and dedication for the student's primary responsibility will be to work on all aspects of publishing the yearbook. Students will acquire the skills for copywriting, photography, art, layout, editing, advertising, and public relations. This course does not fulfill the UC/CSU requirements for a Visual and Performing Arts course at this time. This course may be taken more than once.

## ACADEMIC DECATHLON (NON-UC)

5 UNITS — TWO SEMESTERS

COURSE# 7591

Academic Decathlon is an opportunity for Cathedral students to compete with students from other Catholic schools in the southern California area in a variety of subjects. Colleges and universities take the Academic Decathlon very seriously; it is one way to demonstrate your ability to carry a full load and still manage your time to study ten different subjects. Each year there is a new theme. Students will study math, science, art, economics, music, literature, write an essay, make a speech; be interviewed, and give an impromptu speech. It is a great way to meet new friends and represent your school. Students at every grade point level are needed.

## STUDY SKILLS (NON-UC)

10 UNITS — TWO SEMESTERS

COURSE# 7605

### PREREQUISITES:

- **Approval of Dean of Studies**

This course is designed to teach and to help students with the implementation of study skills that will enable high school students to be even more successful in their academic studies. This course focuses on identifying the students' learning styles and, within the parameter of their learning styles, developing study skills that will empower them to reach their academic potential. It also helps the students balance their work load so that they can be successful. The course also aids in helping students if they require additional academic support. This course meets in the library and is assisted by the Librarian. Grading for this course is by letter grade.

## COMMUNITY COLLEGE

### CONCURRENT ENROLLMENT

5 - 10 UNITS

### PREREQUISITES:

- **Approval of Dean of Studies**

Seniors and Juniors may take one elective course at a local Community College. The student is responsible for obtaining approval for such a program from the Dean of Studies and must provide the school with certified evidence of enrollment in the course, as well as the final grade received in the course. Cathedral reserves the right to accept courses for graduation. Approval must be granted before students enroll in class. Cathedral grants elective credit for such courses, failure to complete a course after proper enrollment may jeopardize the graduation of a student.

***Four Year College Counseling Program***  
***Cathedral High School***  
***2018-2019***

The counseling department recognizes that ultimately it is up to each student to select the right high school classes and complete the appropriate activities to prepare himself for college admission. However, we also recognize that every student should see his academic and/or college counselor regularly for assistance. When a student and his counselor work as a team, the preparation for college admission and high school graduation is best achieved. With that in mind, every student should follow the Four Year College Counseling program outlined below.

**College Counseling Philosophy**

The College Counseling Team consists of all academic counselors and it embraces a core, three-part philosophy that seeks to help students and families as they navigate the college search and application process, providing ample resources and support throughout. Accordingly, the team is committed to providing a four-year college counseling experience that is:

- a. Student centered;
- b. Geared toward finding the appropriate “match” between college and student;
- c. Centered on one-on-one, individualized counseling.

## Goals and Objectives for

### Freshman Year

**Goal #1:** Become aware of the Cathedral High School Four-Year College Counseling Program and begin college planning process by:

1. Visiting the Freshman Academic Counselor at least twice regarding the College Counseling Program
2. Demonstrating an understanding of the A-G requirements.
3. Understanding NCAA requirements, if interested in participating in collegiate sports programs
4. Participating in the college visitation program.
5. Articulating the purpose of a college preparatory school.
6. Outlining the College Counseling Program.

**Goal #2:** Begin the process by which you will promote yourself as a competitive college candidate by:

1. Articulating the need to take academically challenging classes.
2. Participating in at least one extracurricular and one co-curricular activity and identify ways to become involved in additional activities.
3. Making up any “D” or “F” grades received during the freshman year.
4. Developing and utilizing effective study habits.

**Goal #3:** Begin preparing for the College Board exams by:

1. Taking the STS II test in October of freshman year.
2. Completing practice SAT questions at [www.collegeboard.com](http://www.collegeboard.com), and developing the skills necessary to do well on the exam.
3. Meeting with the Freshman Academic Counselor to discuss the results of any standardized test to identify personal growth areas.
4. Planning a summer reading list to help improve vocabulary and language skills.
5. Identifying the importance of the PSAT, SAT I, ACT and the SAT II tests in the college admission process.

**Goal #4:** Begin a College Planning Portfolio by:

1. Creating two folders, one for school and one to keep at home.
2. Completing the personal information contained in the College Counseling Program Inventory.
3. Including a list of any extracurricular or co-curricular activities participated during the freshman year.
4. Creating a list of any special awards, honors or achievements received in the freshmen year.

## Freshman Year Checklist

- \_\_\_\_1. I understand and can describe the Four Year College Counseling Program.
  
- \_\_\_\_2. I understand the A-G requirements for UC/CSU college admission.
  
- \_\_\_\_3. I understand the NCAA requirements for athletic participation in college.
  
- \_\_\_\_4. I can explain what is meant by a college preparatory school.
  
- \_\_\_\_5. I have completed the College Counseling Program Inventory.
  
- \_\_\_\_6. I have participated in, and made a list of my extracurricular activities.
  
- \_\_\_\_7. I have made a list of honors, academic awards and/or achievements I received.
  
- \_\_\_\_8. I have created two portfolio folders, one for school and one for home.
  
- \_\_\_\_9. I have created an account at [www.collegeboard.com](http://www.collegeboard.com).

## **Goals and Objectives for Sophomore Year**

**Goal #1:** Continue the Cathedral High School Four-Year College Counseling Program process by becoming aware of different types of colleges by:

1. Identifying the difference between California State, University of California, and private universities.
2. Visiting the Sophomore Academic Counselor at least twice regarding the college counseling program.
3. Demonstrating an understanding of the A-G requirements.
4. Understanding the NCAA requirements, if interested in participating in collegiate sports programs.
5. Participating in the college visitation program.
6. Continuing an articulation of the purpose of a college preparatory school.

**Goal #2:** Continue the process by which you will promote yourself as a competitive college candidate by:

1. Articulating the need to take academically challenging classes.
2. Participate in at least one extracurricular and one co-curricular activity and identifying ways to be involved in additional activities.
3. Making up any “D” or “F” grades received during the sophomore year.
4. Developing and utilizing effective study habits.
5. Maintaining good work habits and continuing to strive for academic excellence.
6. Taking challenging summer enrichment classes.

**Goal #3:** Continue preparing for the College Board exams by:

1. Taking the PSAT in October of sophomore year.
2. Doing the practice SAT questions at [www.collegeboard.com](http://www.collegeboard.com), and developing the skills necessary to do well on the exam.
3. Meeting with the Sophomore Academic Counselor to discuss the results of any standardized test to identify personal growth areas.
4. Planning a summer reading list to help improve vocabulary and language skills.
5. Identifying the importance of the PSAT, SAT I, ACT and the SAT II tests in the college admission process.

**Goal #4:** Continue developing the College Planning Portfolio by:

1. Placing any College Board test scores in your folders, as applicable.
2. Adding to the list any extracurricular or co-curricular activities participated in the sophomore year.
3. Adding to your list any special awards, honors or achievements received in during sophomore year.

## **Sophomore Year Checklist**

- \_\_\_ 1. I can identify differences between California State, University of California and private universities.
- \_\_\_ 2. I have visited the Sophomore Academic Counselor at least twice regarding College counseling.
- \_\_\_ 3. I can demonstrate an understanding of the A-G requirements required for admission to the college of my choice.
- \_\_\_ 4. I can articulate the need to take academically challenging classes.
- \_\_\_ 5. I have participated in at least one extracurricular and one co-curricular activity and I am adding to my list of extracurricular or co-curricular activities.
- \_\_\_ 6. I have made up any “D” or “F” grades received in the sophomore year.
- \_\_\_ 7. I maintain good work habits and continue to attain academic excellence.
- \_\_\_ 8. I have taken challenging summer enrichment classes.
- \_\_\_ 9. I am doing the practice SAT questions at [www.collegeboard.com](http://www.collegeboard.com), and I am developing the skills necessary to do well on the exam.
- \_\_\_ 10. I have read the books on the summer reading list.
- \_\_\_ 11. I can identify the importance of the PSAT, SAT I, ACT and the SAT II tests in the college admission process.
- \_\_\_ 12. I have added to my list of special awards, honors or achievements received during my Sophomore year.

## **Goals and Objectives for Junior Year**

**Goal #1:** Continue the Cathedral High School Four-Year College Counseling Program by beginning the college selection and funding process. Specifically:

1. Continue to participate in the college visitation program.
2. Participate in college fairs and the sophomore/junior college night.
3. Articulate the differences among various sources for funding college (grants, loans, scholarships, etc.) and list eight scholarships you could apply for during your senior year.
4. Realistically narrow your university selection to 8 colleges.
5. Acquire all necessary government documents required for college admission and for financial aid.
6. Attend on-site college visits as appropriate.

**Goal #2:** Continue the process by which you will promote yourself as a competitive college candidate by:

1. Taking the PSAT, SAT I, ACT and SAT II exams at least once by the end of your junior year.
2. Participating in at least one extracurricular and one co-curricular activity and identifying ways to become involved in additional activities.
3. Making up any "D" or "F" grades received the Junior year.
4. Maintaining good work habits and continuing to seek academic excellence.
5. Taking challenging summer enrichment classes at community and four-year colleges.
6. Taking Advanced Placement exams, as applicable.

**Goal #3:** Continue preparation for and taking College Board exams by:

1. Enrolling in a SAT preparation class, or by using SAT preparation materials such as computer programs or books.
2. Taking Advance Placement exams, if applicable.
3. Continuing your summer reading program.
4. Meeting with the Junior Academic Advisor to discuss the results of any collegeboard exam.

**Goal #4:** Prepare your College Planning Portfolio to be of use in the college admission process by:

1. Creating a resume from materials in your portfolio.
2. Adding to your list any extracurricular or co-curricular activities participated during the junior year.
3. Adding to your list any special awards, honors or achievements received in the junior year.
4. Adding a copy of all current tax forms (in May) to get ready for FAFSA.
5. Organizing material to prepare for your personal statement (college essay).
6. Creating a list of potential sources for recommendation letters and collecting recommendation letters as appropriate.
7. Generating 15 questions you will be asked, and 15 questions you want to ask in an interview situation.

## Junior Year Important Dates

### COLLEGE FAIRS

Cathedral High School College Fair:	October 26, 2017	Gym (Free)
Greater Los Angeles College Fair:	April 22, 2018 April 26, 2018	Anaheim Convention Center Pasadena Conference Center

### COLLEGE INFORMATION NIGHT

Cathedral High School:	October 12, 2017:	Gym
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### COLLEGE VISIT DAY

November 2, 2017:	Destination TBA
This Year:	Visit area colleges and universities <i>See Counseling Page or Naviance advice on how to visit colleges and universities.</i>

**SAT / ACT Practice Tests:** Practice sessions for the SAT and ACT are available throughout the year. Listen for announcements; see Mr. Ryan, Mr. Catlin, or Ms. Salas for more details.

### STANDARDIZED TESTS: REGISTRATION AND DATES

Four-year colleges require students to take a standardized test for admission. Most schools will accept either the SAT or the ACT. Students at Cathedral are encouraged to take both exams. In addition, many four-year schools (UC's for example) require students to take the SAT II subject tests as well.

**Students are strongly encouraged to register and take both the SAT I and the ACT.**

In order to **register for the SAT** you need to become a user of the College Board's web site [www.collegeboard.com](http://www.collegeboard.com) . This site has valuable information about most universities as well as assistance in preparing for the SAT I and the SAT II. (Visit Naviance for a link)

To **register for the ACT** please visit [www.actstudent.org](http://www.actstudent.org) .

**Registration deadlines are listed below.  
Try to register at least one week before the deadline.**

<b>SAT I</b>	<b>May 5, 2018</b>	<b>Deadline to Register: April 6, 2018</b>
<b>SAT II</b>	<b>June 2, 2018</b>	<b>Deadline to Register: May 3, 2018</b>
<b>ACT</b>	<b>June 9, 2018</b>	<b>Deadline to Register: May 4, 2018</b>



## Junior Year Checklist

USERNAME      PASSWORD

- \_\_\_\_1.      **I know how to and have signed into Naviance ID # (1234) ID #00 (123400)**
- \_\_\_\_2.      **I understand the A-G requirements for UC/CSU admission and have made up ALL “F” grades and “D” grades in A-G classes.**
- \_\_\_\_4.      **I understand the NCAA requirements for athletic participation in college.**
- \_\_\_\_5.      **I have attended college fairs and visited college campuses.**
- \_\_\_\_6.      **I have registered and begun studying for the SAT I, SAT II, and ACT.**
- \_\_\_\_7.      **I have recorded activities and other personal achievements since 9<sup>th</sup> grade**
- \_\_\_\_8.      **I can identify the difference between UC, CSU, Private Universities and Community Colleges in terms of application and structure.**
- \_\_\_\_9.      **I can identify the difference between grants, loans and scholarships.**
- \_\_\_\_10.     **I can identify eight scholarships for which I can apply.**
- \_\_\_\_11.     **I have completed a preliminary college search using Naviance or collegeboard.com and I have realistically narrowed my search to eight colleges.**
- \_\_\_\_12.     **I have photocopied and accumulated necessary documents for college admission and financial aid.**
- \_\_\_\_13.     **I have signed up for college enrichment classes.**
- \_\_\_\_14.     **I have created a resume for college and employment using Naviance.**
- \_\_\_\_15.     **I have identified potential sources of recommendations (teachers, counselors, supervisors, employers)**
- \_\_\_\_16.     **I have chosen challenging courses for my senior year.**
- \_\_\_\_16.     **I have selected books to read this summer.**

## **Goals and Objectives for Senior Year**

**Goal #1:** Finalize the Cathedral High School Four-Year College Counseling Program by completing the college selection and funding process. Specifically:

1. Attending college fairs and FAFSA workshops.
2. Participating in the college visitation program.
3. Continuing to attending on-site college visits, as appropriate.
4. Completing California State and University of California applications by November 1.
5. Completing FAFSA application by February 7.
6. Completing all activities as indicated on the “Senior Timeline” by the date listed.
7. Applying for at least 4 scholarships from the list generated in the junior year.
8. Finalizing your specific college choice by April 15.

**Goal #2:** Finalize the process by which you will promote yourself as a competitive college candidate:

1. Retaking the SAT I and SAT II as necessary.
2. Retaking Advance Placement exams as applicable, and taking other Advanced Placement exams as appropriate.
3. Continuing your involvement in extracurricular and co-curricular activities.
4. Making up any “D” or “F” grades at an approved off campus school site.

**Goal #3:** Continue preparation for and taking College Board exams by:

1. Continuing to review SAT preparation materials.
2. Continuing to review Advanced Placement materials.
3. Retaking all standardized college admission tests.

**Goal #4:** Utilize your College Planning Portfolio to market yourself to colleges by:

1. Writing your personal statement (college essay) by September 30.
2. Collecting and inserting at least three letters of recommendation by December 15.
3. Updating your list of extracurricular and co-curricular activities by October 1.
4. Updating your financial information by February 1.
5. Engaging in at least two mock interviews by November 1.

## Senior Year Check List

- \_\_\_\_\_ 1. I have attended college fairs and FAFSA workshops (September and October).
- \_\_\_\_\_ 2. I have attended meetings with college representatives on campus (September and October).
- \_\_\_\_\_ 3. I have completed California State and University of California applications by November 1<sup>st</sup>.
- \_\_\_\_\_ 4. I have completed my FAFSA application by January 21.
- \_\_\_\_\_ 5. I have completed all activities as indicated on the "Senior Timeline" by the date listed.
- \_\_\_\_\_ 6. I have applied for at least 4 scholarships from the list generated in the junior year (by January of my senior year).
- \_\_\_\_\_ 7. I have (re) taken the SAT I and SAT II in September, October, November and/or December.
- \_\_\_\_\_ 8. I have taken as many Advanced Placement exams as I can (in May).
- \_\_\_\_\_ 9. I have made up any "D" or "F" grades off campus by December 21.
- \_\_\_\_\_ 10. I have written my personal statement (college essay) by September 30.
- \_\_\_\_\_ 11. I have collected at least three letters of recommendation by December 15.
- \_\_\_\_\_ 12. I have updated my list of extracurricular and co-curricular activities by October 1.
- \_\_\_\_\_ 13. I have updated my financial information (for FAFSA purposes) by February 15.
- \_\_\_\_\_ 14. I have done at least two mock interviews by November 1 (to prepare for college admission interview).

# MASTER LIST OF COURSES 2018-2019

## Religious Studies

Religious Studies I  
Religious Studies II  
Religious Studies III  
World Religions (P)  
Vocations

## English

English I (P)  
Honors English I  
Speech (P)  
English II (P)  
Honors English II (P)  
English III (P)  
Honors English III (P)  
English IV (P)  
AP English Literature (P)  
AP English Language (P)  
*Great Books (P)*  
*ESL (P)*  
*Literature to Film (P)*

## Mathematics

Math Lab  
Algebra I (P)  
Geometry (P)  
Honors Geometry (P)  
Algebra II (P)  
Honors Algebra II (P)  
*Calculus (P)*  
*Computer Science I (Game Design) (P)*  
*Pre-Calculus (P)*  
*Honors Pre-Calculus (P)*  
*AP Calculus A/B (P)*  
*AP Calculus BC (P)*  
*Statistics (P)*

## Science

Biology (P)  
Honors Biology (P)  
Chemistry (P)  
Honors Chemistry (P)  
Physics (P)  
Honors Physics (P)  
*AP Biology (P)*  
*AP Chemistry 1-2 (P)*  
*AP Physics I (P)*  
*Human Physiology & Anatomy (P)*

## Social Studies

World History (P)  
Honors World History (P)  
United States History (P)  
AP United States History (P)  
United States Government (P)  
AP US Government (P)  
*Criminal Justice (P)*  
*Psychology (P)*  
*Law I A & B (P)*

## Language other than English (LOTE)

Spanish I (P)  
Spanish I Non-Speaker (P)  
Spanish II (P)  
Spanish II Non-Speaker (P)  
Honors Spanish II (P)  
*Spanish III (P)*  
*Spanish III Non-Speaker (P)*  
*Honors Spanish III (P)*  
*AP Spanish Language (P)*  
*AP Spanish Literature (P)*

## Visual and Performing Arts

Theater Arts I (P)  
*Band I (P)*  
*Band II (P)*  
*Band III (P)*  
*Band IV (P)*  
*Studio Art I (P)*  
*Studio Art II (P)*  
*Studio Art III (P)*  
*Theater Arts II/III (P)*  
*Media Graphics I (P)*  
*Media Graphics II (P)*  
*Music Appreciation (P)*  
*Video Prod I/ TV Media Design (P)*  
*Video Production II*

## Computer Science

Computer Applications

## Physical Education

Physical Education / Health  
*Interscholastic Sports*  
*Fitness, Strength, Conditioning*

## Unclassified Courses

*Publications (P)*  
*Library Aide*  
*Office Aide*  
*Teacher's Aide*  
*Academic Decathlon*  
*Study Skills*

*Students Enter to Learn & Leave to Serve*