

St. Joseph High School

COURSE DESCRIPTION BOOKLET

Updated August 2025



HOME OF THE KNIGHTS

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Counselors:

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Graduation Requirements & A-G Approved Courses



SJHS Graduation Requirements

for class of 2025 and Subsequent Classes



<u>University Prep Diploma with Honors</u>				<u>University Prep Diploma</u>			
a-g area	YEARS	SUBJECT	CREDITS	a-g area	YEARS	SUBJECT	CREDITS
a	2 ½ yrs	Social Studies	(25)	a	2 ½ yrs	Social Studies	(25)
b	4 yrs	English	(40)	b	4 yrs	English	(40)
c	3 yrs	Science with Lab (at least one yr biological and one yr physical)	(30)	c	2 yrs	Science with Lab (at least one yr biological and one yr physical)	(20)
d	3 yrs	Math	(30)	d	3 yrs	Math	(30)
e	3 yrs	World Language	(30)	e	2 yrs	World Language	(20)
f	1 yr	Visual or Performing Art	(10)	f	1 yr	Visual or Performing Art	(10)
g	½ yr	Economics	(5)	g	½ yr	Economics	(5)
	1 yr	Comm/Prod/Knights Seminar	(10)		1 yr	Comm/Prod/Knights Seminar	(10)
	1 yr	PE or Equivalent	(10)		1 yr	PE or Equivalent	(10)
a-g	2 yr	Math, Science, or World	(20)	a-g	1 yr	Math, Science, or World	(10)
addt'l		Language		addt'l		Language	
g	4 yrs	Theology	(40)	g	4 yrs	Theology	(40)
		Electives	(20)			Electives	(30)
			Total Units: 270				Total Units: 250
			Service Hours: 85				Service Hours: 85
			Minimum GPA: 3.75				Minimum GPA: 2.00
❖ 3 Weighted Classes must be taken during junior and senior year in at least 2 disciplines.				❖ These students will be a-g eligible			
❖ These students will be a-g eligible				❖ Rarely, some students may have an alternative pathway to college which begins with planned support at a community college. Generally, these students are on a STEP plan and may deviate from the UP Diploma while meeting all CA state graduation requirements.			



SJHS A-G Requirements



School Code: 053304

A History/Social Science

2 years required

World History (UP)

*AP European History

US History (UP)+

*HIST 107/108+

*AP US History+

Civics (1/2 a year)+/*POLS 103+

- A grade of C or better makes you eligible to apply to a 4-year university.
- You also want to stay competitive.
- UC minimum GPA requirement: 3.0
- CSU minimum GPA requirement: 2.5
- * = weighted course
- += Seton Hill Credit Course

D Science

2 years required, 3 recommended
(4 needed for competitive schools)

Conceptual Physics (UP)

Biology (UP)

Chemistry UP

*AP Biology+

*AP Chemistry+

*AP Physics

Forensic Science+

Marine Science/Biology

Earth & Space Science

F Visual & Performing Arts

1 year required

Art Fundamentals

*Adv Studio Art

Video Productions

Technical Theater

Performing Arts/*Adv PA

Yearbook/ Adv Yearbook

Music Ensemble/ *Adv ME

Choir

Digital Photography

Floral Design

*AP 2D Art and Design+

Dance/Adv Dance (not offered)

Digital Media (not offered)

Multimedia & Photojournalism (not offered)

B English

4 years required

Grammar and Comp (UP/H)

Comp and Literature (UP/H)

American Literature UP+

*AP English Language and Comp+

World Lit UP+

*AP English Literature and Comp+

C Math

3 years required, 4 recommended

Algebra I (UP)

Geometry (UP)

Algebra II (UP)+

*AP Pre-Calculus (UP)+

*AP Calculus AB+

Applied Mathematics +

Probability & Statistics

E LOTE (Lang other than English)

2 years required, 3 recommended

Spanish I (UP)

Spanish II (UP/H)

Spanish III (UP/Adv*)

*AP Spanish Language and Culture+

Spanish 4

G College-Prep Elective

1 year required

Revelation of Jesus/Who is Jesus

Mission of Jesus Christ/Christ's Mission

Sacraments/Morality

Christian Vocations/Faith in Action

Economics (1/2 a year)+

*AP Seminar

*AP Psychology+

*Creative Writing/Publications+

Speech & Debate+

ASB Leadership

AG Communication & Leadership/FFA

Youth Ministry

Study Lab (STEP)

Strength & Conditioning

Adv. Athletic Strength & Performance

Sports Medicine

Sports & Society

Food & Culture/Culinary Arts

Yoga; Anatomy in Motion

Psych & Soc (not offered)

Office Intern (with interview)

NO CREDIT: Study Hall Free

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Graduation Requirements cont...

University of California Requirements (www.universityofcalifornia.edu/apply) and California State University Requirements (www.csumentor.edu)

1. A minimum “C” grade in each course listed below is required; however, an “A” or a “B” is recommended.
Minimum ‘a-g’ grade point average: 3.00.
2. Adequate SAT Test or ACT Test 3. The ‘a—g’ course requirements:
 - a) 2 yrs. History/Social Studies
 - b) 4 yrs. English
 - c) 3 yrs. Mathematics (4 yrs. recommended)
 - d) 2 yrs. Science with Lab (3 yrs. recommended)
 - e) 2 yrs. Foreign Language (3 yrs. recommended)
 - f) 1 yr. Visual and Performing Arts
 - g) 1 yr. University Prep Electives in areas a-g above.
4. Additional Requirements for the University of California: all applicants must complete 11 of the 15 ‘a-g’ course requirements by the end of their junior year.

Los Angeles Archdiocesan Requirements

- 4 yrs. English
- 3 yrs. Mathematics
- 3 yrs. Social Studies (to include 2 semesters of U.S. History, 1 semester of U.S. Government, and 1 semester of Economics)
- 2 yrs. Science (to include 1 course in a life science and 1 course in a physical science)
- 2 yrs. Foreign Language (of the same language)
- 1 yr. Visual and Performing Arts (2 consecutive semesters)
- 4 yrs. Religion
- 1 yr. Physical Education

NCAA Requirements (Athletic Eligibility) Division I (16 Core-Course Rule) www.eligibilitycenter.org

- 4 yrs. English
- 3 yrs. Mathematics (algebra 1 or higher)
- 2 yrs. Social Studies
- 2 yrs. Lab Science (including 1 yr lab, if offered)
- 1 yr. Additional English, mathematics or science
- 4 yrs. Additional courses (from any area above, foreign language, or non-doctrinal religion)

• Note: If applying to a California State University or a University of California, athletes must also meet the individual university’s standards. Please consult the NCAA website’s list of approved St. Joseph High School courses.

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4-year Academic planning

The following information is given to help plan a four-year sequence of classes for each diploma program.

UNIVERSITY PREP WITH HONORS PROGRAM

Freshman Year

Who is Jesus Christ? / Jesus in Scripture
Grammar & Composition H
Algebra I, Geometry, *or* Algebra 2
Driver's Ed / Knights Seminar
World Language 1
Conceptual Physics *or* Biology
Elective *or* PE Elective
Elective *or* Study Hall

Sophomore Year

Mission of Jesus Christ / Christ's Mission Continues
Composition and Literature Honors
Geometry, Algebra 2, *or* AP Pre-Calculus
World History *or* AP Euro History
World Language 2
Biology *or* Chemistry
Elective *or* Visual/Performing Art
Elective

Junior Year

Sacraments / Life in Jesus Christ (Morality)
AP English Language *or* American Lit UP
Algebra 2, AP Pre-Calculus, *or* AP Calculus
Chemistry *or* an AP Science
US History *or* AP US History *or* History 107/108
World Language 3
Elective *or* Visual/Performing Art
Elective *or* PE

Senior Year

Christian Vocation / Faith in Action
AP English Lit *or* World Lit UP
AP Pre-Calculus, AP Calculus, *or* Applied Math
Civics / Economics *or* POLS 103 / Economics
Elective *or* Fine Arts
Elective, Science 4, *or* AP Science
Elective *or* AP World Language
Elective *or* Lawn Period

UNIVERSITY PREP (UP) PROGRAM

Freshman Year

Who is Jesus Christ? / Jesus in Scripture
Grammar & Composition
Algebra I, Geometry, *or* Algebra 2
Driver's Ed / Knights Seminar
World Language 1 *or* Visual/Performing Art
Conceptual Physics
Elective *or* PE Elective
Elective *or* Study Hall

Sophomore Year

Mission of Jesus Christ / Christ's Mission Continues
Composition and Literature
Geometry, Algebra 2, *or* AP Pre-Calculus
World History
World Language 1/2
Biology
Elective *or* Visual/Performing Art
Elective

Junior Year

Sacraments / Life in Jesus Christ (Morality)
American Lit
Algebra 2, AP Pre-Calculus, *or* AP Calculus
Chemistry
US History *or* History 107/108*
World Language 2/3
Elective

Senior Year

Christian Vocation / Theology Elective
World Lit
Civics / Economics
Science Elective
Math *or* World Language 3 *or*
Science *or* Visual/Performing Art
Elective(s)
Elective(s)

Counseling Department

The Counseling Department provides comprehensive academic, career and personal/social support for all students to maximize student potential and academic achievement. In partnership with educators and families, the Counseling Department is committed to the learning needs of all students so that they may complete the rigorous, college-preparatory curriculum that St. Joseph High School offers. Each year, students are provided personal attention and guidance in working toward university admission.

Graduation Requirements

Preparing for specific personal, vocational or college interests requires careful planning of the student's course of study. Students are encouraged to take as many academic courses as their abilities will permit. Students interested in highly competitive colleges should give special attention to a four-year sequence in mathematics, science, and foreign language. Most colleges require more than the minimum graduation requirements. Freshmen are placed into their courses based on 7th and 8th grade academic grades.

Non-Discrimination Policy

St. Joseph High School, in the Archdiocese of Los Angeles, mindful of its mission to be a witness to the love of Christ for all, admits students regardless of race, color or national and/or ethnic origin to all rights, privileges, programs and activities generally accorded or made available to students at St. Joseph High School. St. Joseph High School does not discriminate on the basis of race, color, disability, sex, or national and/or ethnic origin in the administration of educational policies and practices, scholarship programs, and athletic and other school-administered programs, although certain athletic leagues and other programs may limit participation, and some archdiocesan schools operate as single sex schools. While St. Joseph High School does not discriminate against students with special needs, a full range of services may not always be available to them. Decisions concerning the admission and continued enrollment of a student in St. Joseph High School are based upon the student's emotional, academic and physical abilities and the resources available to St. Joseph High School in meeting the student's needs.

Grades and Grade Weighting

GRADES

- Students receive letter grades in all subjects. SJHS uses a five-letter grading system: A, B, C and D are passing grades, ranging from excellent to poor; F is a failing grade for which no credit is given. A student who receives an F in a required subject must repeat and pass the course before continuing in the sequence. A student who fails to make up a subject deficiency in summer school may not be readmitted to the school.

The following is a general rubric as to the meaning of an academic grade:

- A - student demonstrates an in-depth understanding and analysis of the content in all aspects of the course; student work is generally thorough, discerning and insightful; student presents work that is polished, refined and consistently well-crafted.
- B - student demonstrates an in-depth understanding and analysis of the content in many aspects of the course; student work is often thorough, discerning and insightful; student presents work that is clear and well-crafted much of the time.
- C - student demonstrates an understanding and analysis of the content in some aspects of the course; student work is not generally thorough, discerning or insightful; student presents work that is sometimes well-crafted, but inconsistent.
- D - student does not demonstrate an adequate understanding or analysis of the content in most aspects of the course; student work shows a lack of discernment or insight; student presents work that is generally not well-crafted and highly inconsistent.
- F - student does not demonstrate an adequate understanding or analysis of the content in most aspects of the course; student work shows almost complete lack of discernment or insight; student frequently fails to complete assignments or present work of any quality; student shows very little commitment to the course.

Grades and Grade Weighting cont...

WEIGHTING

- Grades are weighted in some Advanced courses, AHC Dual Enrollment courses, and AP courses. These are designated with an asterisk (*) in the title of the course. An added “point” is awarded to these course grades when calculating the GPA. Weighted grade averages reflect the nature and difficulty of the work required.

Weight of Courses Taken at Community Colleges

- If a student takes a Dual Enrollment/Hancock course at SJHS (HIST 107/108, etc.), then the course is weighted.
- If a student takes a Hancock course at Hancock (College now) or online (or a course from another community college/college), then the course may be added to the SJHS transcript for ease of tracking, but it will not be weighted.
- If a student takes a core course offered at SJHS (theology, English, etc.), then this course is supplemental to, and not in place of, the requirement at SJHS. If your student has questions, please ask his/her counselor.
- **Note that all graduation requirements must be completed at SJHS.**

Advanced Placement & Honors

Advanced Placement

- The Advanced Placement program is a collection of rigorous, introductory college courses. Each course culminates with an examination developed by the College Board. Most colleges and universities allow entering freshmen to matriculate out of one to three semesters of college work if an acceptable score (usually 3 or higher) has been earned on an Advanced Placement examination. The AP fee is \$120.00 (subject to change) and covers the cost of the exam and review materials. AP students are not required to take the AP exam.

Advanced/Honors Courses

- Advanced/Honors courses that are weighted are advanced high school courses and provide students with enriched educational activities that encourage greater intellectual inquiry and discovery. SJHS offers advanced/honors courses in most disciplines to interested students with high academic achievement. Each department prepares specific criteria for placement in these courses. Generally, a student placed in an advanced/honors course is expected to do more than is required, learn rapidly, show initiative and creativity, and assume active leadership in learning activities. There are some “Advanced” courses that also provide an additional year of an elective without increase in rigor (i.e. Advanced Music Ensemble, Advanced Dance, Advanced Yearbook, etc.).

Grade Validation

- Some courses designed to remediate student learning do not qualify for academic credit. Such courses are those required for the admission of entering freshmen who need additional skill development, most commonly in math and language arts areas (aka jumpstart courses).

When continuing students retake courses to either master previously learned material or qualify to proceed in a sequence-based course area, they do not earn academic credit.

Courses taken to make up academic failures should be so indicated on the transcript; F grades will remain on the transcript (the title, date, and academic grade of the make-up course should be clearly indicated on the transcript and the grade point average [GPA] should be adjusted to reflect the make-up grade).

If the same course is taken again (for either remediation or review/qualification), academic credit cannot be earned twice. Both grades are to be recorded on the transcript; the GPA is computed using the higher grade.

- A course may only be retaken for a better grade if the initial grade earned is a D or an F.

Online Courses/Independent Studies & Summer School

- The School places emphasis on forming the whole child, academically, personally and spiritually. In order for the Mission of the School to be fulfilled, students must be on campus taking our courses and participating in our co-curricular activities. This includes remediation during Summer School or sometimes, with approval from the Assistant Principal of Academics & Admissions, through online courses/independent study. Whenever possible, remediation will be through the employment of SJHS online canvas courses, designed for the summer but available to be scheduled throughout the year pending instructor availability. Independent study courses outside of the Canvas learning management system are subject to ELT and Academic Council approval on a case-by-case basis.
- Students may want to take summer school for a variety of reasons. Perhaps they would like to remediate a grade in a required course for college admissions or remediate a grade in a class where they did not do their best (optional). Course remediation will only be allowed for courses where a grade of “D or F” are earned. Perhaps a student has an interest in optional courses that don't fit into his/her typical schedule. For required, non-elective courses (4 years of theology, 4 years of English), a student may not take a class over the summer to avoid taking the course during the school year; these classes are only offered for remediation as stated above. Elective options may be taken in the summer (physical education courses, stats, etc.) in lieu of taking the course during the school year. The options for pre-taking a course depend on course listings each year. A course should only be pre-taken in lieu of taking said course during the school year in order to *accommodate the need for room in their schedules*. Regardless of summer school, no student may have a "lawn period" until junior or senior year, only 1 section of "lawn period" is allowed, and students must demonstrate academic responsibility and achievement.
- The course list and sign-ups for summer school will be available annually during 4th academic quarter for the coming summer. Please contact the business office with any questions regarding sign-ups for summer school. *Note, no refunds are issued for summer school classes that students drop.*

SJHS Service Program

The St. Joseph High School Service Program requires the completion of service hours and a written service theological reflection for graduation. This policy is in full compliance with Archdiocesan policies recommended for Catholic High Schools. The ultimate goal of a St. Joseph High School education is to fulfill the motto “To Image Christ in Mind, Heart, Body, and Soul” in such a way that not only the student grows in this motto, but the entire school community as well. This Christian Service Program is required of every student because every student is both a leader and a learner and needs to develop skills in a broad range of areas regarding service in the community.

Christian Service Hours Requirements

Grade Level	Number of Required Hours	Amount and Type of Service Required
9th Grade	15 Hours	10 hours of service with church, school, neighborhood AND 5 hours of "free choice"
10th Grade	25 Hours	15 hours of service with children or with the elderly AND 10 hours of "free choice"
11th Grade	25 Hours	15 hours of service in the community (such as working at the food bank or volunteering at community events) AND 10 hours of "free choice"
12th Grade	20 Hours	10 hours of service with organizations that assist the poor or disadvantaged (such as Catholic Charities or VTC) AND 10 hours of "free choice"

AHC CollegeNow & Seton Hill

AHC College Now

- Students who have completed grade nine may take classes at Allan Hancock College through the “College Now” program. Examples of classes available through the program include Astronomy, Philosophy, Latin, art, dance, and technical classes. Enrollment requires permission from the student’s high school counselor, who has a list of classes open to high school students, and submission of a transcript. **Please note: All courses required for high school graduation must be taken at St. Joseph High School.** This is an archdiocesan requirement.

Seton Hill College in High School & AHC Concurrent Enrollment

- Starting with our 2023-2034 school year, 11th and 12th grade students have the ability to earn college credit while in high school from a 4 year, fully accredited university. We have partnered with Seton Hill University to offer "College in High School." Students are able to take their regularly scheduled classes at St. Joe's AND earn college credit at the same time. These courses, taught by our faculty, are in cooperation with a Catholic, Christ-based university and reflects the values of our St. Joseph High School community.

Seton Hill dual-enrollment courses include:

AP 2D Art And Design (Fall) AP 2D Art And Design (Spring)	Creative Writing	AP Chemistry (4 credits)	Civics
	World Literature UP	Economics	AP Psychology
AP Biology (4 credits) AP Biology Lab(1 credit)	Forensic Science	AP English Lang and Composition (Fall)	Advanced Spanish III
	US History (UP)	AP English Lang and Composition (Spring)	AP Spanish Language
AP English Literature and Composition (Fall) AP English Literature and Composition (Spring)	AP US History	American Literature UP	Probability & Statistics
	Algebra II/Trigonometry	Applied Mathematics	Coming Soon: AP Physics (and more great, concurrent options)
Speech and Debate	AP Precalculus (4 credits)	AP Calculus AB (4 credits)	

Allan Hancock College dual enrollment courses give students a chance to earn both SJHS and Allan Hancock College credit on SJHS campus upon successful completion. Concurrent enrollment courses include:

- HIST 107 & HIST 108
- POLS 103 American Government

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SAT & ACT Exam Information

- The SAT and ACT exams are both accepted at all universities; however, all universities do not require these test scores. Each student should research whether the schools you intend on applying to require it or not.
- It is recommended that students take the **SAT/ACT Test**, if recommended by the university for their intended majors, for the first time in May or June of the junior year. It is also highly recommended that all testing is completed by October of the Senior year. Some schools will continue to accept later test dates. Please contact your counselor for further information about these tests. Students can register for these tests at www.sat.collegeboard.org or www.ACTStudent.org.

OTHER SJHS ACADEMIC POLICIES

To help each student at St. Joseph High School achieve to the best of each one's ability, we have established the following policies. Please read them carefully.

1. Juniors are required to take a **minimum of seven academic classes** & Seniors are required to take a **minimum of six academic classes**. The remaining classes may be academic, a free period, a study hall, or a Teacher's Aide. To receive the free period, the student must have a good discipline record and a GPA of at least 2.0 with no "D" or "F" at each grading period.

2. Academic Eligibility:

In addition to the CIF Continuing Scholastic Eligibility Minimum Requirements, St. Joseph High School requires all students participating in extracurricular activities (athletics, performing arts, ASB, and Campus Ministry) to abide by the following standards: Students must maintain a 2.0 grade point average with no more than one failing grade at each grade check and/or official grading period in order to be eligible to participate in extracurricular activities. These periods include:

*Week 8 during Semester 1 *End of Semester 1 *Week 8 during Semester 2 *End of Semester 2

Students with a GPA below a 2.0 or students with more than one grade below 60% at each grade check or official grading period, will be placed on Academic Probation/ineligible.

Eligibility is restored when a student reaches a 2.0 or better GPA with no more than one failing grade at the end of grade check or official grading period. Additionally, students may restore eligibility if they meet eligibility requirements (2.0 GPA or better with no more than one failing grade) during the subsequent grade checks on the Monday (or first day of the week if no school) of each week. If deemed eligible, the students' eligibility would be restored immediately following the Monday grade check by the Athletic Director.

Students who fail to meet the minimum 2.0 grade point average at the end of the second semester may regain eligibility through summer school attendance and may be eligible for the fall semester. When courses are taken during summer session, grades shall be counted in the computation of the grade point average. If the average is 2.0 or better with no failing grades, the student shall be eligible at the beginning of the next school year. *Grade checks will be completed the Monday after each specified term is completed.

*Exception may be granted for students with signed, executed STEP plans as compliant with CIF policies regarding IEP's and 504s as articulated by the ADLA through STEP plans.

3. A student may be placed on Academic Probation if his/her GPA is below 1.75. A student on academic probation two consecutive semesters or a third academic probation during enrollment will be requested to withdraw from St. Joseph High School.

OTHER SJHS ACADEMIC POLICIES CONT...

4. The standard grading policy for St. Joseph High School is:

90%-100% = “A” 80%89% = “B” 70%-79% = “C” 60%-69% = “D” Below 59% = “F”

5. At the end of the semester, a comprehensive final will be given in each class.
6. Students who pass a course and earn credit for it may not repeat the class for credit unless otherwise specified in the *Course Description Booklet*.
7. All graduation requirements must be met to participate in graduation commencement ceremonies.
8. Critical dates for **schedule changes** are as follows:

 Last day to add/drop: 1 week after start of semester

 Last day to drop without a “W”: 1 week after the first grade check; approximately 9 Weeks after start of semester

- With teacher, counselor, and parent consent
- With Assistant Principal of Academics & Admissions Approval

 Last day to drop with a “W”: 2 Weeks before the end of semester

- With teacher, counselor, and parent consent
- With Assistant Principal of Academics & Admissions Approval

9. Approximately 30 minutes of homework per night is expected for most classes. Honors and AP courses will have approximately 60 minutes of homework per class.
10. Extra Credit Policy: Teachers have the option of assigning academically oriented extra credit provided all homework and long-term assignments have been completed and turned in, and it does not exceed 4% of the total grade.
11. Participation policy: There is a school-wide policy indicating that if a student is absent from class for excused or unexcused absences that are not school-related, they may not make up those participation points.
12. Online classes are available but must be taken from an SJHS approved catalogue during a class period and completed by the end of the regularly scheduled week of finals. Failure to do so will result in an “F” being issued. Students/parents are responsible for online tuition/fees.
13. There is a school-wide policy indicating the last date new work can be assigned, and the last date late work may be accepted. All teachers will comply with these dates which will be posted on the school calendar.

PLEASE NOTE: We all want students to be academically successful. If you have any concerns about your student's progress, please contact his or her counselor.

Graduation Speakers & Honors Societies

GRADUATION SPEAKERS

The Valedictorian and Salutatorian are selected each year from the graduating class. The Valedictorian ranks first in overall GPA and is considered the top student of their class. The Salutatorian ranks second in overall GPA and is considered the second highest student of their class.

Overall GPA will be determined at the end of the first semester senior year, based on the student's semester grades from their freshman year through the first semester of their senior year, as calculated by the SJHS Guidance Department. The Valedictorian and Salutatorian are academic awards and will be recognized at graduation.

If two students have equal highest overall GPAs, each will be honored as co-Valedictorians. If two students have equal second overall GPAs, each will be honored as co-Salutatorians.

To be considered for Valedictorian or Salutatorian, the student must have attended Saint Joseph High School for their Junior and Senior years.

All candidates for Valedictorian or Salutatorian should not only reflect outstanding academic achievement, but also be active members of the SJHS school community, as well as exemplify the SJHS motto "to image Christ in mind, heart, body, and soul." The SJHS Administration reserves the right to eliminate candidates from contention for Valedictorian or Salutatorian based on poor attendance and/or violations of SJHS school policies as outlined in The Shield.

All graduation speakers will be selected by the Academic Council after an application process including the proposed speech.

NATIONAL HONOR SOCIETY

Students in grades 10-12 with a cumulative GPA of 3.75 or higher are invited each semester to submit an information form which is used in the selection of members of NHS. In order to be selected as a member you must also fulfill certain criteria in the areas of leadership, service and character.

The leadership criterion is considered highly important for membership selection. Leadership may be interpreted as the number of offices a student has held in school or community organizations, although it is important to recognize that leadership also exists outside campus activities. Leadership may also be defined in less objective terms.

Leadership roles in both the school and community may be considered, provided they can be verified.

Service is generally considered to be those actions undertaken by the student which are done with or on behalf of others without any direct financial or material compensation to the individual performing the service. In considering service, the contributions the candidate has made to school, classmates, and community, as well as the student's attitude toward service can be reviewed.

Character is probably the most difficult criterion to define. The Faculty Council considers the positive as well as the negative aspects of character. All judgments in this and other selection criteria should be free of speculation and rumor. A person of character demonstrates the following six qualities: respect, responsibility, trustworthiness, fairness, caring, and citizenship.

CALIFORNIA SCHOLARSHIP FEDERATION

The California Scholarship Federation is a statewide organization whose purpose is to recognize students who have demonstrated outstanding academic achievement. Qualifying for membership is on a semester basis following a point system that requires A's and B's in the most difficult classes. CSF is open to sophomores, juniors, and seniors. To become a lifetime member (Sealbearer), students must have qualified for four semesters during their last three years of high school, including one semester in their senior year. To become a 100% Life Member, students must be in CSF all six semesters from sophomore to senior year. At graduation, CSF members receive a special seal on their diploma.

Graduation Regalia

- Gold stole: Summa Cum Laude
 - 4.0+ for all semesters through Fall of Senior year.
- Gold tassel: NHS
- Gold cord: CSF
- Green & White cord: Honors Diploma
- Excellence in leadership medal
 - participated all 4 years in ASB.

Courses by Department

COURSE DESCRIPTIONS

The numbers between parentheses are course numbers. The first number denotes a fall semester course; the second number denotes a spring semester course.

Weighted courses are designated with an asterisk (*) in the title of the course.

All courses are UC/CSU A-G Course List approved and will be listed in corresponding order.

- Area A: SOCIAL STUDIES DEPARTMENT
- Area B: ENGLISH DEPARTMENT
- Area C: MATHEMATICS DEPARTMENT
- Area D: SCIENCE DEPARTMENT
- Area E: WORLD LANGUAGE DEPARTMENT
- Area F: VISUAL AND PERFORMING ARTS DEPARTMENT
- AREA G: COLLEGE-PREP ELECTIVES
 - Physical Education
 - Theology
 - Non-Departmental Courses
- SETON HILL COURSE DESCRIPTIONS

Area A: SOCIAL STUDIES DEPARTMENT

Course Title: World History (320, 321)

Course Title: World History UP (322,323)

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'a' requirement

Description: World History is about human history, from the earliest known societies to the present. The course focuses on the civilizations of the West and historical trends which have shaped the modern world. Major topics include: Prior to the 1400, the Renaissance, the Reformation, Colonization Nationalism and Revolution, the Rise of Imperialism, the World Wars, Decolonization and the post-war eras. A research paper is required during the second semester.

Course Title: *AP European History (0795, 0798)

Elective: Soph, Jr., Sr., Honors (This course satisfies the sophomore World History requirement, or it may be taken by juniors or seniors as an elective.)

Prerequisite: A "B" or better in freshman English, recommendation of English instructor, completion of summer work

Length: Year

College Entrance: CSU, UC- 'a' requirement

Description: Advanced Placement European History is a survey course of European history. It is a weighted course that is also designed to prepare the high school student for the National AP Exam for college credit. Students taking this course are required to take the AP Exam as part of the completion of this course. The course, therefore, stresses the development of college-level skills: independent and small group learning, essay writing, note-taking and analytical skills in reading primary and secondary historical sources. The student will be expected to understand and describe the major political, economic, and social developments that have marked modern Europe from the Renaissance to the present. This is a weighted course.

(**Summer Reading Requirement:** *All Quiet on the Western Front* by Erich Remarque)

Course Title: * AP United States History (0210, 0241)

Elective: Jr., Sr., Honors (This course satisfies the US History requirement, or it may be taken by seniors as an elective.)

Prerequisite: Recommendation of History instructor, recommendation of English instructor, a "B" or better *both* semesters of World History, completion of summer work, overall GPA evaluation

Length: Year

College Entrance: CSU, UC- 'a' requirement

- **Description:** This is an in-depth study of American History from before European colonization to the present. It is designed to introduce students to college-level reading, writing and analysis in preparation for taking the Advanced Placement Exam which is required of all AP students. Extensive non-textbook material will be given to students through lecture and collaborative readings from a variety of historical sources. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: US History (0205, 0206)

Course Title: US History UP (1205, 1206)

Prerequisite: World History

Length: Year

College Entrance: CSU, UC- 'a' requirement

Description: This course is a survey of US History from the discovery of America to present times. The first semester time periods go from 1492 until the Great Depression. The second semester will pick up with World War II and finish with the first year of the presidency of Joseph Biden. The course will look at US History within the context of its politics, economics, society, and culture. This UP course can also be taken for Seton Hill college credits for JR/SRs only.

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Area A: SOCIAL STUDIES DEPARTMENT

Course Title: HIST 107 & HIST 108 (0204, 0230) (DE)

Elective: Jr., Sr.

Prerequisite: A “C” or better both semesters of sophomore World History or a “C” or better in both semesters of AP European History, or approval from Instructor in consultation with Counselor/Sophomore History Teacher.

Length: Year

College Entrance: CSU, UC- ‘a’ requirement

Description:

***HIST 107 – US History to 1877** (0204, First Semester Only) (DE)

A survey of United States History (New World Exploration to 1877) and its method of research through critical thinking involving the economic, political, international, and ethnic factors fundamental for understanding the nation's origins and early development. Upon successful completion of History 107, students will receive three units of credit from Allan Hancock College. Students who enroll in History 107 will be required to enroll in History 108 contingent upon completion of History 107 with a grade of “C” or better. This is a weighted course.

***HIST 108 – US History 1877 to Present** (Second Semester Only, 0230) (DE)

A survey of United States history (1877 to the present) through philosophic systems as related to critical thinking involving the political, ethnic, economic, and international factors fundamental for understanding the nation's growth since the Civil War. **Upon successful completion of History 108, students will receive three units of credit from Allan Hancock College in addition to SJHS credit for completing US History.** This is a weighted course.

Course Title: * POLS 103 American Government (0963, First Semester Only) (DE)

Prerequisite: A “C” or better in Junior United States History, or A “C” or better in Junior AP United States History, or approval of instructor in consultation with counselor and Junior year history teacher.

Length: Semester

College Entrance: CSU, UC- ‘a’ requirement

Description: This is a study of American Government at the national, state, and local levels. Governmental principles and institutions, along with their historical development, are examined. **This is an Allan Hancock College concurrent enrollment course which fulfills the senior requirement for Civics.** This is a weighted course.

Course Title: Civics (1208, First Semester Only)

Course Title: Civics UP (0208, First Semester Only)

Prerequisite: None

Required: Senior

Length: Semester

College Entrance: CSU, UC- ‘a’ requirement

Civics Description: This lecture/discussion of American government is designed for the students to become familiar with the mechanics and structure of the federal and state governments; to introduce them to other types of government in the world. In addition, students will become aware of their civil rights, civil liberties and civic responsibilities. This UP course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: Economics (Second Semester Only, 1233)

Course Title: Economics UP (Second Semester Only, 0233)

Required: Seniors

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- ‘g’ requirement

Description: This is a lecture/discussion introductory course of economics including the study of micro and macro-economics. There will be special emphasis on the American free-enterprise system with an analysis of the integral parts and how they relate to each other. Some historical perspectives will be presented. This UP course can also be taken for Seton Hill college credits for JR/SRs only.

Area G: SOCIAL STUDIES DEPARTMENT ELECTIVES

Course Title: *AP Psychology (213, 214)

Elective: Jr., Sr.

Prerequisite: Must be a Junior or Senior with a minimum GPA of 3.0, with a teacher recommendation, and have taken and passed at least 1 honors or AP course in either English or history.

Length: Year

College Entrance: CSU, UC- 'g' requirement

Description: This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: Psychology & Sociology (0213, 0214)

Elective: Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC-'g' requirement

Description: Students will learn facts, theories and applications of psychology. They will also gain a better understanding of their own behavior and the behavior of those around them. They will study personality, social interactions and biological forces of behavior. This will enable students to make better decisions concerning what they want to do and why others behave as they do.

Sociology is the study of human society and social behavior. The sociological perspective invites students to look at their familiar surroundings as though for the first time. Students will be encouraged to focus on features of their social environment they have never noticed before. Analysis and discussion of current events and their relevance to sociological theory is also an important aspect of the course, with a specific focus on family, gender, culture, race, and education. ***Not always offered**

Course Title: Food & Culture (4242, 4243)

Elective: Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC-'g' requirement

Description: Apple pie, California roll, fortune cookies, cioppino, enchilada and chicken bog. Momo, pasty, empanada and pierogi. The food we eat is the story of religion, culture, race and identity. It is the story of the agricultural revolution, the Silk Road, Columbian Exchange, economic hardships, imperialism, immigration... and Instagram and YouTube. In this course, we will tackle the topic of food by studying its history, by reading works from chefs, food historians and food critics, and by diving into the world of food television and documentaries. Finally, we will explore our own histories with food and how food has affected our lives and our families' stories.

Face-to-face sessions include a group meal at a Bay Area restaurant, visit(s) to a local farm, ranch and/or dairy, and an end-of-semester potluck featuring beloved family dishes. The course will culminate in a research project based on a historical menu from a wide selection of time periods and geographical locations.

Culinary Arts teaches students the foundation techniques in Culinary Arts, which allows students to utilize a hands-on learning environment to begin to build industry driven culinary skills. Throughout this course, students will continue to collaborate to develop an understanding of the historical and cultural influences on global cuisine, the science of culinary processes, and engage in analyzing the contents and properties of food. Students will understand the application of physical and chemical properties of foods. Students will use traditional and emerging food preparation methods to prepare recipes. Students will use critical and innovative thinking and be challenged to build reading, writing, and speaking skills throughout the course. Emphasis will be on quality food preparation and presentation, collaboration, developing a critical palate and exploring current culinary trends. In this course students will keep a journal where they document their learning through reflections on topics learned and develop their academic writing skills within the journal as an integral part of every unit.

Area B: ENGLISH DEPARTMENT

Because St. Joseph High School emphasizes preparing students for college, we are committed to cultivating lifelong readers. With this end in mind, there is required summer reading for all students. Sophomores, juniors and seniors will be given information regarding their novels in May, and freshman information will be mailed out in late June. Students are to purchase their own books at any bookstore or on-line. Students will be tested on the given literature in the first week of school.

Students have a choice of which work of literature they will read. Each student will read one novel of their choice (with the exception of AP Literature seniors and possibly Grammar & Composition Honors freshmen). Here are the options for each class:

Grammar & Composition Honors Freshmen -- *Catch-22* by Joseph Heller, *The Diary of a Young Girl* by Anne Frank, or *The Whale Rider* by Witi Ihimaera. The students may also read *The Strange Case of Dr. Jekyll & Mr. Hyde* by Robert Louis Stevenson along with *The Invisible Man* by H.G. Wells. Students may also read *The Hound of the Baskervilles* along with *A Study in Scarlet* by Arthur Conan Doyle.

Composition & Literature Honors Sophomores – *Emma* by Jane Austen, *The Night Trilogy* by Elie Wiesel, *Jane Eyre* by Charlotte Bronte, *David Copperfield* by Charles Dickens, or *Ender's Game* by Orson Scott Card.

AP Language Juniors – *The Grapes of Wrath* by John Steinbeck, *The Sun Also Rises* by Ernest Hemingway, *The Scarlet Letter* by Nathaniel Hawthorne, *The Last of the Mohicans* by James Fenimore Cooper, or *Uncle Tom's Cabin* by Harriet Beecher Stowe

AP Literature Seniors – *Edith Hamilton's Mythology*. There will be mandatory notes and prompted responses to be turned in over the summer to TurnItIn.com

All students will be expected to have completed the reading of their chosen work on the first day of regular classes. Instructors will inform the students how the summer reading assignments will be assessed during the first week of classes.

Summer Reading works and PDF versions of works

Students are free to purchase their chosen reading novel for the summer and the works for their regular English classes as they choose. However, it is highly recommended by the English Department staff that students not use or purchase any version of a required novel or play in PDF format. The English Department teaches and stresses active reading, which includes making notes and annotations in the work as students read. This cannot be done with PDF files.

Area B: ENGLISH DEPARTMENT

FRESHMAN ENGLISH COURSES

Course Title: Grammar and Composition (0034, 0035)

Course Title: Grammar and Composition UP (400, 401)

Prerequisite: 9th grade standing & Counselor Placement

Length: Year

College Entrance: CSU, UC- 'b' requirement

Description: The course will involve the development of grammar, composition, vocabulary, and literary skills. Grammar will include parts of speech, parts of the sentence, types of sentences, and usage.

Composition will include a variety of writing experiences including expository essays. An introduction to literature will include terms for analysis. Genres include the short story, novel, drama, poetry and non-fiction.

Course Title: *Grammar/Comp Honors (0036, 0596)

Prerequisite: 9th grade standing & Counselor Placement

Length: Year

College Entrance: CSU, UC- 'b' requirement

Description: The Honors course will cover essentially the same items as in Grammar & Comp.; however, more reading will be required, including *A Separate Peace*; *Cry, the Beloved Country*, and *Frankenstein*.

Composition will concentrate on the expository essay. This is a weighted course starting in 24-25 school year.

(Summer Reading Requirement: *Catch-22* by Joseph Heller, *The Diary of a Young Girl* by Anne Frank, or *The Whale Rider* by Witi Ihimaera. The students may also read *The Strange Case of Dr. Jekyll & Mr. Hyde* by Robert Louis Stevenson along with *The Invisible Man* by H.G. Wells. The students may also read *The Hound of the Baskervilles* along with *A Study in Scarlet* by Arthur Conan Doyle.)

SOPHOMORE ENGLISH COURSES

Course Title: Composition and Literature (0037, 0038)

Course Title: Composition and Literature UP (222, 223)

Prerequisite: Grammar & Comp

Length: Year

College Entrance: CSU, UC- 'b' requirement

Description: The sophomores will study the major literary genres: short stories, novels, plays, and poetry. The students will become conversant with literary terminology and will be introduced to literary analysis. Also, there will be emphasis on essay writing, and the students will learn how to write a term paper using the MLA format. Vocabulary development is also stressed.

Course Title: *Composition and Literature Honors (0039, 0461)

Prerequisite: Grammar & Composition Honors or recommendation from prior English teacher, "A" or "B" grade for frosh English and a written essay on an independent reading novel evaluated by the English department, which will take place before June as well as successful completion of summer work. This is a weighted course starting in 24-25 school year.

Length: Year

College Entrance: CSU, UC-'b' requirement

Description: The subject matter is essentially the same as that of Literary Forms; however, there will be more reading required, and the literary analysis and the writing will be on a more sophisticated level. Also, an analytical research paper using MLA format will be executed.

(Summer Reading Requirement: *Emma* by Jane Austen, *The Night Trilogy* by Elie Wiesel, *Jane Eyre* by Charlotte Bronte, *David Copperfield* by Charles Dickens, or *Ender's Game* by Orson Scott Card)

Area B: ENGLISH DEPARTMENT

JUNIOR ENGLISH COURSES

Course Title: American Literature (0040, 0041)

Course Title: American Literature UP (442, 443)

Prerequisite: Composition and Literature

Length: Year

College Entrance: CSU, UC- 'b' requirement

Description: The primary intent of this course is to teach students about the cultural and literary history of their country. A sampling of American literature will both enrich their awareness of their American heritage and sharpen their language skills. There will be an emphasis on vocabulary, preparation for the SAT tests, reinforcement of the literary vernacular, and further practice of the literary expository essay, including a term paper. This UP course can also be taken for Seton Hill college credits for JR/SRs only.

(Summer Reading Requirement: *The Scarlet Letter* by Nathaniel Hawthorne, *A Farewell to Arms* by Ernest Hemingway, *Animal Farm* by George Orwell, *The Grapes of Wrath* by John Steinbeck, or *The Sun Also Rises* by Ernest Hemingway)

Course Title: *AP English Language and Composition (0019, 0020)

Elective: Jr., Honors

Prerequisite: Composition and Literature Honors or recommendations from prior English teachers, "A" or "B" grades for freshman & sophomore English and a written essay on an independent reading novel evaluated by the English department, which will take place before June as well as successful completion of summer work.

Length: Year

College Entrance: CSU, UC- 'b' requirement

Description: This is a course for college-bound juniors with ability in and motivation to do well in English. The student will engage in critical analysis of literary works, including a term paper, and will learn to polish his/her writing style. Essay writing is emphasized. Students will prepare for the SAT and Advanced Placement English Language and Composition Exam. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

(Summer Reading Requirement: *The Grapes of Wrath* by John Steinbeck, *The Sun Also Rises* by Ernest Hemingway, *The Scarlet Letter* by Nathaniel Hawthorne, *The Last of the Mohicans* by James Fenimore Cooper, or *Uncle Tom's Cabin* by Harriet Beecher Stowe)

SENIOR ENGLISH COURSES

Course Title: * AP English Literature and Composition (0014, 0028)

Prerequisite: AP English Language and Composition or recommendations by prior English teachers, "A" or "B" grade in previous English classes, reading of an independent novel and a written essay on the work evaluated by English department, which will take place before June, successful completion of summer work.

Length: Year

College Entrance: CSU, UC- 'b' requirement

Description: This course is designed to teach the material of freshman college English. Emphasis is on analytical reading, discussion and writing, based on literary works currently used in college courses, from the sixteenth century to modern works. The course is intended to prepare students for the Advanced Placement English Literature and Composition Exam. There is an emphasis on the interpretation of assigned poetry, short stories, plays and novels. Essay writing is also emphasized. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

(Summer Reading Requirement: *Edith Hamilton's Mythology* and *The Odyssey* translated by Fitzgerald)

Course Title: World Literature (0012, 0013)

Course Title: World Literature UP (405, 406)

Prerequisite: American Literature

Length: Year

College Entrance: CSU, UC- 'b'-requirement

Description: Students continue working on improving reading, writing, grammatical and analytical skills needed by the college-bound student. Western literature is emphasized; however, a variety of texts are studied as a means of exploring other cultures and world views. The students will read at least three outside novels and write a research paper, using MLA format, as well as five analytical essays over the course of the year. This UP course can also be taken for Seton Hill college credits for JR/SRs only.

(Summer Reading Requirement: *Edith Hamilton's Mythology*, *The Illiad* by Homer, *The Odyssey* by Homer, *The Aeneid* by Virgil, or *The Divine Comedy* by Dante).

Area G: ENGLISH DEPARTMENT ELECTIVES

Course Title: *Creative Writing (0022,0023)

Elective: Frosh, Soph, Jr, Snr

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'g' requirement

Description: The Creative Writing course is designed to develop and build the students' reading, writing, speaking, and listening skills through the art of creative writing. The purpose of this class is to create a writing community in which each member is both an authority and a student of the craft. Students enrolled in creative writing are expected to analyze and compare various styles of writing across literary genres in order to inform and formulate their own original writing. Students will also experience the power of poetry, prose, and lyrics as a means to better understand human connection, as well as themselves. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: Speech & Debate (0017, 0018)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'g' requirement

Description: Speech and Debate is a course that will allow students to develop as researchers, thinkers, speakers, and listeners. The course is structured around several different formal and informal presentation and debate structures that will ask students to engage with each other in a variety of critically challenging situations. Students will research and analyze a wide range of texts including historical documents, speeches, interviews, films, newspaper and journal articles and develop thoughts and opinions to effectively support or refute arguments. Presentation and debate topics cover a variety of interdisciplinary areas ranging from the sciences to history, literature, and current events. This course can also be taken for Seton Hill college credits for JR/SRs only.

Area C: MATHEMATICS DEPARTMENT

All Students are required to complete a minimum of three years (Grades 9, 10, 11) of Mathematics at St. Joseph High School.

NOTE: ALL MATH STUDENTS ARE REQUIRED TO HAVE A TI-84 GRAPHING CALCULATOR.

Course Title: Algebra I (0154, 0188)

Course Title: Algebra I UP (402, 403)

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: This is a beginning algebra course. Topics of study include equations, inequalities, functions, systems of equations, polynomials, exponents, quadratic equations, radical functions, and linear and quadratic graphs.

Application exercises accompany each topic. A semester grade of "C" or better is required or the student will repeat the course.

Course Title: Geometry (0156, 0189)

Course Title: Geometry UP (422,423)

Required: Soph, Jr.

Prerequisite: Algebra I

Length: Year

College Entrance: CSU, UC-'c' requirement

Description: This course is a study in logical thinking. The processes involve the taking of given information and with specific reasoning tools, arriving at a conclusion. Geometry figures are drawn to illustrate the problems and to aid in the solutions. The concepts of postulates, theorems, and definition are studied as mathematical terms. The course also includes a study of area, volume, and surface area. Topics in Algebra will be reviewed.

Course Title: Algebra 2 (0158, 0159)

Elective: Jr., Sr.

Prerequisite: Algebra I with grade "C" or better and Geometry, or consent of instructor

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: Concepts of Algebra I are reinforced and expanded. New topics introduced are rational expressions, transformations of graphs, exponential functions, logarithms, complex numbers, and probability and statistics. The next high school course following Algebra II is Algebra II/Trigonometry.

Course Title: Algebra 2 UP(0161, 0162)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: Algebra I and Geometry with grade of "C" or better

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: Concepts of Algebra I are reinforced and expanded upon. New topics introduced are rational expressions, transformations of graphs, exponential functions, logarithms, conic sections, trigonometric functions, graphs, and identities, complex numbers, and probability and statistics. The course is designed to prepare the student for Pre-Calculus. This UP course can also be taken for Seton Hill college credits for JR/SRs only.

Area C: MATHEMATICS DEPARTMENT

All Students are required to complete a minimum of three years (Grades 9, 10, 11) of Mathematics at St. Joseph High School.

NOTE: ALL MATH STUDENTS ARE REQUIRED TO HAVE A TI-84 GRAPHING CALCULATOR.

Course Title: Pre-Calculus (0163, 0164)

Prerequisite: Algebra 2 with grade of "C" or better.

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: This course is a preparation for calculus. The study includes algebraic review, trigonometry study including circular functions, law of sines and law of cosines, vectors, logarithms, exponential functions, matrices, and analytic geometry including studies of conic sections, parametric equations, limits, sequences and series, probability and statistics. Methods of proof are illustrated by the instructor. Students will be responsible for some proofs. Numerous application problems using calculators will be emphasized.

Course Title: *AP Pre-Calculus (0180, 0183)

Prerequisite: Algebra 2 UP with grade of "C" or better.

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: This course is a preparation for calculus, either advanced placement or college level. The study includes algebraic review, trigonometry study including circular functions, law of sines and law of cosines, vectors, logarithms, exponential functions, matrices, and analytic geometry including studies of conic sections, parametric equations, limits, sequences and series, probability and statistics. Methods of proof are illustrated by the instructor. Students will be responsible for some proofs. Numerous application problems using calculators will be emphasized. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: *AP Calculus AB (0617, 0618)

Prerequisite: AP Pre-Calculus with an un-weighted grade of "B" or better. Students with a "C" grade must attain teacher approval. Students will be given a form to be completed by the AP Pre-Calculus instructor.

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: This is a college-level calculus course. This is a rigorous course intended for highly motivated math students. The course of study includes limits, derivatives, integrals, and The Fundamental Theorem of Calculus. Applications include area, volume, position, velocity, acceleration, maxima and minima, related rates, mean value theorem, and surface area. Application covering the fields of biology, medicine, engineering, and architecture are discussed. This course is intended to prepare students for the Advanced Placement Calculus exam. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Area C: MATHEMATICS DEPARTMENT ELECTIVES

Course Title: Probability and Statistics (0165, 0171)

Elective: Sr.

Prerequisite: Successful completion of Algebra II

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: This course covers combinations, permutations, probability and probability distributions, descriptive and inferential statistics, hypothesis testing, regression and correlation, and applications. Statistics is used in the real world more than any other branch of mathematics and is a requirement for many college majors. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: Applied Mathematics (0667, 1667)

Elective: Sr.

Prerequisite: Successful completion of Algebra II

Length: Year

College Entrance: CSU, UC- 'c' requirement

Description: Applied Mathematics focuses on mathematical skills used in everyday life with the goal of developing intelligent consumers. The practical applications of mathematics are studied using real world situations. Personal finances are emphasized through the study of personal earnings, the elements of business, credit and investments. Concepts such as compound interest and maximizing profit will connect to mathematical skills such as using exponents and analyzing quadratics. This course can also be taken for Seton Hill college credits for JR/SRs only.

Area D: SCIENCE DEPARTMENT

Course Title: *AP Biology (0267, 0268)

Elective: Jr., Sr.

Prerequisite: “A” or “B+” grades in Biology and Chemistry; recommendations from science teachers, current English teacher, and counselor; attend a mandatory general meeting with the AP teacher to learn about course expectations (an individual meeting in some cases); successful completion of summer work. **Length:** Year

College Entrance: CSU, UC- ‘d’ requirement

Description: This course is equivalent of a first-year college course taken by biology majors covers in-depth topics surveyed in biology, but also covers additional material. Topics covered include the chemistry of life, cell structure and function, cell energetics, cell communication, heredity, gene expression and regulation, natural selection, and ecology. Labs are technical, quantitative, and involve up-to-date methods of analysis. Its aim is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Labs are a priority and may be scheduled after school. Students must attend all labs. This weighted course also prepares students for the Advanced Placement Biology Exam which all students are required to take. **The \$75 class fee is required and will be applied to student’s account.** This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: *AP Physics (0733, 0734)

Elective: Jr., Sr.

Prerequisite: “A” or “B+” grades in Biology, Chemistry, and Algebra II/Trig

College Entrance: CSU, UC-‘d’ requirement

Description: This is an Algebra-based, introductory, college-level Physics course. Physics involves the study of energy, matter, and how they are related. Students perform experiments to draw conclusions consistent with their physical environment. The course content includes scientific measurement, vectors, kinematics, momentum, energy, work, power, and thermodynamics. Physics employs many mathematical concepts which students are expected to know. **The \$75 class fee is required and will be applied to student’s account..** This is a weighted course.

Course Title: Biology (0255, 0256)

Course Title: Biology UP (542, 543)

Required: Frosh, Soph, Jr., Sr.

Prerequisite: 10th, 11th, 12th grade standing or be concurrently enrolled in Geometry. **Length:** Year

College Entrance: CSU, UC-‘d’ requirement

Description: Students will examine the principles and methodology used to investigate living organisms and the systems that influence them. Topics include molecular biology, cytology, cellular energy, genetics, heredity, ecology, natural selection, and pathogens. Applicable material to humans is emphasized. **The \$75 class fee is required and will be applied to student’s account.**

Course Title: Chemistry UP (504, 506)

Elective: Soph, Jr., Sr. (Frosh in Alg II/Trig may enroll.)

Prerequisite: Must have completed Geometry and Algebra I with grade of “B” or better **Length:** Year

College Entrance: CSU, UC- ‘d’ requirement

Description: This class studies structure and behavior of matter, use of elements and compounds in chemical equations, and basic problem solving of quantitative factors. Appropriate lab work is incorporated into the class. **The \$75 class fee is required and will be applied to student’s account.**

Area D: SCIENCE DEPARTMENT

Course Title: *AP Chemistry (1014, 1015)

Elective: Jr, Sr.

Prerequisite: Students should have already taken or be concurrently enrolled in Pre-Calculus and earned at least a B+ in Chemistry UP. Instructor approval may be required.

Length: Year

Course Description: AP Chemistry is a second-year high school course designed to be equivalent to freshman Chemistry in college. Topics from first year Chemistry will be reviewed, but students are expected to be proficient in those topics to proceed to the college level topics. Equilibrium, reaction kinetics, thermodynamics, acid-base reactions, and oxidation/reduction will round out the course to prepare the students for the AP Chemistry Exam in May. Significant study time outside of class is necessary to be successful and score at least a 3 on the AP Chemistry Exam from the College Board. **The \$25 class fee is required and will be applied to student's account.** Summer review work is assigned. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: Conceptual Physics (0274, 0275)

Course Title: Conceptual Physics UP (502, 503)

Elective: Frosh, Soph

Prerequisites: Successful completion or concurrent enrollment in Algebra 1.

Length: Year, Laboratory

College Entrance: CSU, UC-'d' requirement

Description: Welcome to the Wonderful World of Physics! This is a real physics class where you will learn the rules of nature. Physics is the foundation of all science; it will prepare you for any science class you take in the future. This class is not about solving math problems. This class is about discovering how the world works. Through demonstrations, activities, and labs you will experience the laws of motion and forces, discover how energy flows and can be transformed from one form to another, learn how matter flows within the Earth, and find out how we move within our solar system. Join the class that is about the "science of nature" and become a player in the universe.

Course Title: Earth Space Science (0298, 0299)

Elective: Jr., Sr.

Prerequisite: One life science and one physical science course with a C or better.

Length: Year

College Entrance: CSU, UC- 'd' requirement / Interdisciplinary Science

Description: Earth & Space Science is a laboratory science course that will take an in-depth look at the natural world and its processes. Its curriculum will focus on matter, energy, origin and evolution of the Earth and its solar system, geology, meteorology, oceanography, and the biochemical cycles that circulate energy and material through the biosphere. The objective and purpose of this course is to have students master a broad curriculum that gives them a comprehensive understanding of their universe and the natural world. Inquiry-based labs, activities and modeling are cornerstone methods in which curriculum is introduced and taught in this course. The Earth and Space Science curriculum builds on the natural curiosity of students. By connecting them to the beauty of geological history, the amazing landforms around the globe, the nature of the sea and air, and the newest discoveries about our universe, it gives students an opportunity to relate to their everyday world. Students will explore topics such as:

- Fundamentals of geology, oceanography, meteorology, and astronomy
- Earth's minerals and rocks
- Earth's interior
- Plate tectonics, earthquakes, volcanoes and the movements of continents
- Geology and the fossil record
- Oceans and the atmosphere
- The solar system and the universe
- Natural resources, global climate change and human sustainability

The \$75 class fee is required and will be applied to student's account.

Area D: SCIENCE DEPARTMENT

Course Title: Forensic Science (0246, 0247)

Elective: Jr., Sr.

Prerequisite: One life science and one physical science course with a C or better.

Length: Year

College Entrance: CSU, UC- 'd' requirement / Interdisciplinary Science

Description: Forensic Science is a year-long laboratory-based course where the student learns about the science used in forensic science techniques, then uses those techniques to collect, analyze, and evaluate evidence. Topics covered include: crime scene investigation, collection, handling, and analysis of trace evidence such as hair, fibers, soil, and pollen, fingerprints, blood and blood spatter examination, forensic analysis of DNA, tool-marks and impressions, firearms and ballistics, forensic anthropology, determination of manner, mechanism, and cause of death, estimation of postmortem interval. This course combines topics from math, chemistry, biology, physics, psychology, and Earth science. **The \$25 class fee is required and will be applied to student's account.** This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: Marine Science (0411, 0412)

Elective: Jr., Sr.

Prerequisite: One life science and one physical science course with a C or better.

Length: Year

College Entrance: CSU, UC- 'd' requirement

Description: Marine Biology is an elective, life, laboratory science course that focuses on life in the ocean. Topics include but are not limited to marine invertebrates, marine fishes, marine mammals, marine ecology, marine ecosystems, and human impact on the ocean environment. Students will study the interrelationships and adaptations for survival that have driven the evolution of marine organisms. The course will include a substantial number of scientific investigations throughout the year to achieve firsthand knowledge and understanding of marine life. **The \$50 class fee is required and will be applied to student's account.**

Area E: WORLD LANGUAGE DEPARTMENT

Language Other Than English (LOTE)

Course Title: * AP Spanish Language (0668, 0669)

Elective: Sr.

Prerequisite: “B” or better in both semesters of Advanced Spanish III, and permission from the instructor.

Each student will attend an informational meeting outlining the course expectations, and sign a binding contractual agreement between the student, instructor, and the student’s parents committing the student to the year-long course and completion of summer assignments.

Length: Year

College Entrance: CSU, UC- ‘e’ requirement

Description: The course content will reflect intellectual interests in current events, literature, sports history, culture, etc. Materials will include but are not limited to audio and video recordings, films, newspapers, magazines, course textbook, AP Spanish test prep book, and other resources available online. The course seeks to develop college level language skills in reading comprehension, formal and informal writing, authentic listening comprehension, and informal and formal speaking skills that can be applied to various activities and situations in and out of the classroom environment. In addition, this weighted course is intended to prepare students for the Advanced Placement Spanish Language Exam for college credit, held in May. **Students will receive a weighted grade if they attain a C or better.** This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: * Advanced Spanish III Honors (0078, 0079)

Elective: Jr.

Prerequisite: “B+” or better in second semester of Spanish II Honors, and permission of instructor.

Length: Year

College Entrance: CSU, UC- ‘e’ requirement

Description: The course content will cover many areas such as current events, literature, sports, history, culture, etc. Materials will include but are not limited to audio video recordings, films, newspapers, magazines, course textbooks and other resources available online. The course seeks to develop language skills in reading, writing, listening, comprehension, and speaking that can be applied to various activities and situations. The course prepares students for the AP Spanish course and the Advanced Placement Spanish Language Exam. By taking the class students are committed to take AP Spanish the following year. **Students will receive a weighted grade if they attain a C or better.** This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Course Title: Spanish I (0129, 0130)

Required: Fr, Soph, Jr., Sr.,

Length: Year

Description: This course introduces students to the Spanish language. They will learn about grammatical structure, verb conjugation, and foundational verbs.

Course Title: Spanish I UP (0105, 0106)

Required: Soph, Jr.,

Elective: Frosh, Soph, Jr.

Length: Year

College Entrance: CSU, UC-‘e’ requirement

Description: Spanish I UP is an introductory first-year course with an emphasis on vocabulary and grammar acquisition using the four skills: speaking, oral comprehension, reading, and writing. The class focuses on vocabulary development as well as sentence construction. Present, present progressive and preterit verb tenses for regular and irregular verbs will be studied along with a variety of grammar points necessary for language production and comprehension.

Area E: WORLD LANGUAGE DEPARTMENT

Language Other Than English (LOTE)

Course Title: Spanish II (0129, 0130)

Required: Soph, Jr., Sr.,

Prerequisite: Spanish 1 or Spanish 1UP

Length: Year

Description: This course introduces students to the Spanish language. They will learn about grammatical structure, verb conjugation, and foundational verbs.

Course Title: Spanish II UP (0108, 0109)

Required: Soph, Jr., Sr.

Prerequisite: Spanish I UP with “C” or better in second semester.

Length: Year

College Entrance: CSU, UC- ‘e’ requirement

Description: This course provides a continued study of Spanish through direct object pronouns, negation, reflexive verbs, present progressive tense, past tense and preterit vs. imperfect tenses. Students will become more proficient in comprehension, speaking, reading and writing abilities. Topics to be covered include family, hobbies, clothing, parts of the body, geography, food, health, and more.

Course Title: Spanish II Honors (0775, 0776)

Elective: Soph

Prerequisite: Spanish I UP with a grade of “A”, overall GPA evaluation, teacher recommendation, and the goal of AP Spanish.

Length: Year

College Entrance: CSU, UC- ‘e’ requirement

Description: This course will continue the study of the Spanish language with concentration on object pronouns, reflexive verbs, preterit vs. imperfect, future, conditional, commands, and the formations of the present subjunctive. Students will be applying these concepts daily both in writing and orally. Students will also be exposed to a multitude of oral comprehension experiences. A B+ or better is required second semester to continue to Advanced Spanish III.

Course Title: Spanish III (0110, 0126)

Elective: Soph. (rec. honors placement), Jr., Sr.

Prerequisite: “B” or better in Spanish II UP

Length: Year

College Entrance: CSU, UC- ‘e’ requirement

Description: This is a continued study of Spanish through a review of grammar, vocabulary, present and past subjunctive. The course will also include the cultures of the Spanish speaking world through history, music, and art. There is continued development of the four skills: speaking, oral comprehension, reading, and writing.

Course Title: Conversational Spanish 4

Elective: Soph. (rec. honors placement), Jr., Sr.

Prerequisite: “B” or better in Spanish II UP

Length: Year

College Entrance: CSU, UC- ‘e’ requirement

Description: This course is designed specifically for the student with Spanish language experience. This course is taught primarily in Spanish as a language Arts course. It is intended to further develop reading comprehension, as well as composition and other exploratory skills at the intermediate level.

Area F: VISUAL & PERFORMING ARTS DEPARTMENT

Course Title: Art Fundamentals (0597, 0598)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: This is a foundational visual arts course designed to give students a basic understanding of art concepts, design and history, and the experience of artmaking in a wide variety of mediums. In this course, students will be introduced to drawing in a variety of mediums, create basic ceramic forms, learn skills in painting in watercolor and acrylic, sculpt forms from foam, make masks from paper mâché, and explore printmaking on paper.

Course Title: Music Ensemble (0520, 0523)

Course Title: Adv. Music Ensemble (0545, 0546), for 2nd year

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: Music Ensemble teaches the musical concepts and technique of performing at a beginning level. In this course, students will learn how to produce controlled and accurate pitch, create a mature tone, and learn the basics of music notation and musical vocabulary. Students will be exposed to the major scale and diverse repertoire and asked to think deeply about the discipline of music from many perspectives, including style, genre, mood, and historical and cultural context. Additional topics of study include demonstrating appropriate performance etiquette, identifying musical contrasts, and evaluating performances.

Course Title: Dance (0527, 0529)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: Beginning Dance is a course that concentrates on movement awareness and reverence for the physical body and its athletic and expressive capabilities. This course will introduce students to the art of dance. This class is a dance overview. Students become acquainted with basic techniques in ballet, modern, jazz, hip hop, and the historical and cultural information within these dance forms. Gaining movement skills and finding their self-confidence and enjoyment through movement is a focus in this course. This class is designed for all students with or without previous experience in dance and can prepare students for more advanced classes ***Not always offered**

Course Title: Digital Media (0817, 0818)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: Digital Media is a year-long course that may be repeated each of the four years as offered. This course provides students with communication skills and competencies in broadcast media including web and broadcasting technologies. The course includes a meaningful focus on understanding the role of broadcasting in society and developing broader communication skills, including listening, asking questions, public speaking, and finding, analyzing, and evaluating the quality of information. Students use the power of social media to promote and report emerging school news as it happens. Students can gain valuable job skills while modeling responsible social media practices for their audiences

Area F: VISUAL & PERFORMING ARTS DEPARTMENT

Course Title: Digital Photography (0600, 0601)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: Photography is a year-long course that may be repeated each of the four years as offered. This course is designed to enhance students' creativity and understanding of the visual arts and design process within the field of photography. Students will have the opportunity to express themselves through the medium and build confidence in their ability to create and appreciate art. Students will receive basic instruction, demonstrations, see samples of the desired outcomes, and be introduced to several technical methods in the production of photographic imagery as well as aesthetic issues and their meanings. Students will demonstrate their learning through the production of a photographic portfolio, self-assessment, and reflective thinking. The core of the course will be on the composition of good photographs by studying the Elements of Art and the Principles of Design. Emphasis will be placed on hands-on problem-solving, aesthetics and reflective thinking concerning the Digital SLR camera controls, including f/stops, shutter speeds, film speeds and the production of a correct exposure.

Course Title: Performing Arts (0521, 0514)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: Completion of first semester for enrollment in second semester **Length:** Year

College Entrance: CSU, UC- 'f' requirement

Description: This course is an introduction to the basics of dramatic arts as produced on the stage. In addition, an overview of theater history and discussion of the sub-disciplines within theater will be presented. The course is designed to explore the student's self-awareness and imagination, and to encourage spontaneous, playful interaction with others through a variety of activities and performances. Over the course of the year, students will gradually build their skills as theatrical performers through the use of theater games, improvisations, exercises, monologues, dialogues, scene study, and dramatic productions.

Course Title: Yearbook (0025, 0026)

Elective: Juniors & Seniors

Prerequisite: Application and Interview Process with Consent of Instructor **Length:** Year

College Entrance: CSU, UC- 'f' requirement

Description: This course is for students who have completed the Yearbook course and wish to return upon successful completion of the prerequisite above. Students will need to be willing to successfully complete all assigned duties such as; coordination of pages, editing of pictures and pages, overseeing the structure and content of the yearbook, taking pictures at all school events both during and after school. Administrative jobs students can apply for are; Lead Editor, Layout Editor, Photography Editor, Copy Editor, and Social Media Manager. Staff positions students can apply for are: Photographer, Picture Editor, and Picture Library Tagger. All students regardless of their position must be willing to work within the Yearbook Avenue program from home to meet specific deadlines.

Course Title: Multimedia and Photojournalism (0944, 0945)

Elective: Soph., Jr. & Sr.

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: This full-year interdisciplinary course compliments students' work in Creative Writing, Digital Media, and Photography and focuses on visual and multimedia elements in publishing media. Students learn fundamentals in photography, from basic photo composition to using DSLR cameras in manual mode. They work on creating appropriate and relevant social media promotional materials, learning how to record and edit audio in Adobe Audition, create multimedia photo essays and video broadcasts, and learn the basic elements of sports photography.

Course Title: Floral Design

Elective: Fr., Soph., Jr., & Sr.

Prerequisite: none

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: This class involves the fundamentals of floral design theory, techniques, and skills currently practiced in the floral design industry, including wedding, sympathy, party, holiday, and themed floral designs. Subjects will include applied art principles, cut flower care & handling practices, proper and safe use of florist tools and materials, pricing of floral products, and use of current floral business technology. Skills to be developed include customer relations, consultations, pricing, and use of technology in the industry. Course instruction also includes construction of corsages, floral arrangements, foliage plant items, introductory ornamental horticulture, identification of plants and flowers, professional industry organizations, and career opportunities. Construction and servicing of special events, party, and holiday floral displays are included. Students will also be involved in Supervised Agricultural Experience projects and develop leadership skills through participation in the FFA program.

Course Title: Video Productions

Elective: Soph., Jr., Sr.

Prerequisite: none

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: Students will learn basic TV/Video Production skills as it pertains to live studio programming and Electronic News Gathering (ENG). Beginning instruction is offered in the areas of general production coordination, equipment handling skills, camera operation, audio recording, basic script writing and video editing, with an emphasis on underlying principles of video technology.

Area F: VISUAL & PERFORMING ARTS DEPARTMENT ELECTIVES

Course Title: Advanced Performing Arts (999,1000)

Elective: Soph, Jr., Sr.

Prerequisite: Successful Completion of Performing Arts (0521, 0514)

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: This course is for students who have completed the Performing Arts course and wish to continue developing the skills learned.

Course Title: Advanced Dance (0533,0534)

Elective: Soph, Jr., Sr.

Prerequisite: Successful Completion of Dance (0527, 0529)

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: This course is for students who have completed the Dance course and wish to continue developing the skills learned. ***Not always offered**

Course Title: *Advanced Studio Art (0599, 0602)

Elective: Soph, Jr., Sr.

Prerequisite: Successful completion of Art Fundamentals (0597, 0598)

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: Students will be challenged to take risks, experiment with new art medium (charcoal, paints, cut paper), and explore new ideas through traditional and contemporary art. Using art elements and principals of design, students will create and produce works of art which focus on personal aesthetic. Students will keep an art portfolio and will hang finished artwork of their choice in an Art Show on campus. This is a weighted course.

Course Title: Advanced Yearbook (0047, 0050)

Prerequisite: Application and Interview Process with Consent of Instructor

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: This course is for students who have completed the Yearbook course and wish to return upon successful completion of the prerequisite above. Students will need to be willing to successfully complete all assigned duties such as; coordination of pages, editing of pictures and pages, overseeing the structure and content of the yearbook, taking pictures at all school events both during and after school. Administrative jobs students can apply for are; Lead Editor, Layout Editor, Photography Editor, Copy Editor, and Social Media Manager. Staff positions students can apply for are: Photographer, Picture Editor, and Picture Library Tagger. All students regardless of their position must be willing to work within the Yearbook Avenue program from home to meet specific deadlines.

Course Title: *AP 2D Art and Design (0603, 0604)

Elective: Jr., Sr.

Prerequisite: Successful completion of Advanced Studio Arts or by teacher approval, summer course work completed

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: AP 2D Art and Design is an introductory college-level two-dimensional design course. Students refine and apply skills and ideas they develop throughout the course to produce two-dimensional art and design, with a final portfolio is required that is a submission that reflects a student's own ideas and skills. This is a weighted course. This course can also be taken for Seton Hill college credits for JR/SRs only.

Area G: COLLEGE-PREP ELECTIVES

PHYSICAL EDUCATION DEPARTMENT

All students' physical education requirements will be met by participating in a sport, sports, or a physical activity on or off campus. It is the student's responsibility, for any student not participating in athletics on campus, to provide the registrar with documentation showing the completion of this physical education requirement.

The 3 courses below also fulfill PE Requirements for graduation (1 course=1 year)

Course Title: Strength & Conditioning Co-ed (1006, 1007)

Course Title: Strength & Conditioning-Female (417, 418)

Prerequisite: None

Length: Year

College Entrance: CSU, UC-'g' requirement

Description: This course is conducted in a physical activity setting and will emphasize personal fitness and cover topics such as joint health, strength training, cardiovascular training, and team sports. Strength and Conditioning will educate students on the fundamental concepts of health, wellness, nutrition, fitness, and team sport participation. Students will be able to develop analytical thinking and research the different ways they can improve their muscular endurance, strength, and power and perform proper weightlifting techniques.

Course Title: Yoga: Anatomy in Motion (0329, 0331)

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'g' requirement

Description: This course is designed for students to develop skills and gain knowledge in human movement through the physical practice of yoga. This is an active class where students practice yoga while gaining a deep understanding of its influence on the physical body and overall health. Students will examine specific areas of anatomy, kinesiology, biomechanics, and psychomotor behavior in a variety of contexts. Students will become familiar with healthy choices in relation to nutrition, physical activity, and well-being. Students learn about beneficial lifestyle choices and yoga techniques to assist in managing a variety of physical, mental, and emotional conditions. Students will develop a personal health plan, which they monitor and adjust to meet their own personal needs.

Course Title: Adv. Athletic Strength & Performance (2006, 2017)

Prerequisite: Strength & Conditioning Co-ed (1006, 1007) or Female(417, 418)

Length: Year

College Entrance: CSU, UC- 'g' requirement

Description: This course is designed to educate students on advanced strength and performance concepts. This course is an extension of the strength and conditioning department and will give each student the opportunity to improve their strength, power, speed, and agility through a safe, structured, periodized strength and conditioning program. Each student will have their own personalized training program depending on the sport they play. Students will undergo regular performance testing to measure their strength, speed, power, and conditioning. The students in the class who are not student-athletes will be given a personalized development strength program that focuses on correct exercise technique, strength training benefits, and cardiovascular health. In addition to strength and performance elements, the students will learn about anatomy, biomechanics, self-assessment protocols, training program design, and advanced knowledge of strength training, power training, and cardiovascular endurance training. Students will complete an essay at the end of each unit which will allow them to develop analytical thinking and research skills pertaining to the content of the particular unit. They will have the opportunity to track and calculate their individual progress throughout the course.

Area G: COLLEGE-PREP ELECTIVES

PHYSICAL EDUCATION DEPARTMENT

Course Title: Sports Medicine (7266, 7267)

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'g' requirement

Description: This Sports Medicine course is designed especially for students who are interested in pursuing future study and careers in fields such as medicine, physical therapy, athletic training, nursing, physician assistance, and occupational therapy. It introduces the profession of athletic training and the basic taping skills necessary to manage sports injuries and return to play criteria as well as an understanding of the purpose this field serves in maintaining a physically active population. Topics covered during the year will include: Athletic training as a major in college, different facets of the Sports Medicine world, athletic training facility organization and procedures; protective sports equipment; administration of pre-participation exams; and application of protective taping, braces, wrapping, and protective pads. Areas to be studied include basic anatomical terms, the role of the athletic trainer in sports medicine, mechanisms of athletic injuries, signs and symptoms of injury, rehabilitation techniques, blood-borne pathogens, and emergency procedures. This Sports Medicine course is also designed to help facilitate students' ability to apply their practical understanding of sports medicine and health-care within the classroom setting and across real-world athletic environments.

Course Title: Sports & Society (2009, 2029)

Prerequisite: None

Length: Year

College Entrance: CSU, UC- 'g' requirement

Description: Sport Sociology is an examination of the issues and impact of sport in various cultures and subcultures within the context of sociology. Study of sport relevant to how it is influenced by and influences the basic institutions of society: family, economics, politics, religion, education, etc. This course examines selected topics within the sociology and history of sport. Particular emphasis will be given to issues related to the potential of sport to benefit society and its potential to reinforce existing social problems. Students will be encouraged to reflect on their own experiences within sport and to explore in detail one area of special interest within the history and sociology of sport. This course offers analysis of sport as a social institution and the interrelations between sport and societal subsystems, as well as a consideration of the attitudes, values and behaviors associated with sport. Analysis of contemporary problems associated with sport will be made through analysis and application of modern media, with ties made to their historic origins; such problems include race relations, the civil traditions and emergent role of women, aggression and violence, and political and economic concerns.

ATHLETIC TEAM SPORTS FOR P.E. CREDIT *1 season of a sport=half a year of PE (5 credits)*

FALL SEMESTER

Football
Boys Water Polo
Cross Country
Girls Golf
Girls Tennis
Girls Volleyball
Spirit Squad

SPRING SEMESTER

Baseball
Boys Basketball
Boys Golf
Boys Soccer
Boys Tennis
Boys Volleyball
Girls Basketball
Girls Soccer
Stunt
Softball
Swim
Track
Wrestling

Area G: COLLEGE-PREP ELECTIVES

THEOLOGY DEPARTMENT

The following courses offered by the Theology Department are in alignment with the United States Catholic Bishops National Framework for Religious Instruction.

FRESHMAN THEOLOGY COURSES

IMPORTANT NOTE: Students should purchase both books at the start of the school year.

Course Title: **Who is Jesus Christ?** (0856, Spring Semester)

Required: Frosh

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- 'g' requirement

Description: The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God as the Second Person of the Blessed Trinity. Through this class, students will learn how Jesus Christ is the ultimate Revelation to us from God through the specific teachings of the Roman Catholic Church. While learning more about Jesus and His message and ministry, students will also reflect and better understand who He calls them to be. By looking at the life of Christ, students will explore ways to put their faith into action and strengthen their relationship with Jesus through prayer and study.

Course Title: **Revelation of Jesus in Scripture** (Fall Semester, 0844)

Required: Frosh

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- 'g' requirement

Description: The purpose of this course is to give students a well-rounded knowledge and appreciation of the revelation of Jesus in the Bible. Students will come to understand more fully how Jesus is the living Word of God. Students will focus on the various ways God reveals Himself. Students will be taught what Scripture is and how to fully utilize the Holy Bible. The Old Testament will be explored with emphasis on the sacred covenants God made with His chosen people and the ways in which Jesus fulfills the prophesy of the awaited Messiah. Students will then focus on who Jesus is in the New Testament and on the role of the Holy Spirit in the Church. Students will pay particular attention to the Gospels so they may grow to know and love Jesus Christ more personally.

Area G: COLLEGE-PREP ELECTIVES

THEOLOGY DEPARTMENT

The following courses offered by the Theology Department are in alignment with the United States Catholic Bishops National Framework for Religious Instruction.

SOPHOMORE THEOLOGY COURSES

IMPORTANT NOTE: Students should purchase all books at the start of the school year.

Course Title: **The Mission of Jesus Christ** (0054, First Semester Only)

Required: Soph

Prerequisite: None

Length: Semester

Description: This course will help students understand all that God has done for us through his Son, Jesus Christ. Through this class 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 through His passion, death, and resurrection. Students will learn that they share in this redemption only in and through Jesus Christ. They will be introduced to what it means to be a disciple of Jesus Christ and what life as a disciple entail.

Course Title: **Christ's Mission Continues in the Church** (Second Semester Only, 0055) **Required:** Soph

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- 'g' requirement

Description: The purpose of this course is to help 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 in the world. This Body has both divine and human elements. Students will learn in this class about the life of the Church and the sacred nature of the Church with a secondary emphasis placed on events in the Church.

Area G: COLLEGE-PREP ELECTIVES

THEOLOGY DEPARTMENT

JUNIOR THEOLOGY COURSES

Course Title: Life in Jesus Christ (Morality) (0760)

Required: Jr.

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- 'g' requirement

Description: This course is an attempt to discover and discuss the process of Christian, moral decision making in our everyday lives. Specifically, we will investigate and identify how to make informed, moral decisions amidst our increasingly secular society, while also identifying who we are as people with a specific set of values. This course will uncover a variety of methods of becoming informed citizens, while staying true to our principles, morals, and values.

Course Title: Sacraments as Privileged Encounters with Jesus Christ (Sacramental Theology) (0771)

Required: Jr.

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- 'g' requirement

Description: The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, especially through the Eucharist. Students will examine each of the sacraments in detail to learn how they may encounter Christ throughout life. This course is aligned with the Doctrinal Elements of a Curriculum Framework and covers Section V of the Core Curriculum – Sacraments as Privileged Encounters with Jesus Christ.

Area G: COLLEGE-PREP ELECTIVES

THEOLOGY DEPARTMENT

SENIOR THEOLOGY COURSES

Course Title: Christian Vocations (0074, 0075)

Required: Sr.

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- 'g' requirement

Description: This course focuses on helping seniors in high school identify the true nature of what God is calling them to be in their lives. As Jesus calls each believer to live out his or her “calling” or vocation as a witness to His gospel message, students embark on a journey that discusses everything from personality traits to family life. Besides reviewing the universal vocation to holiness, students will learn about the committed single life, consecrated religious life, ordained life, and married life which are all “vocations” that God calls every person to in a unique way. College plans, careers, discernment, prayer and family life are presented as part of the journey to adulthood. Since each vocation has benefits and challenges, students will learn what it means to live life for the benefit of others as well as oneself. There are simulation projects such as the “baby and family life” project at the end of the year.

Course Title: Faith in Action/Vocation to Justice (1018, 1019)

Elective: Sr.

Prerequisite: None

Length: Semester

College Entrance: CSU, UC- 'g' requirement

Description: Interspersed with Christian Vocations is Faith in Action throughout the year. The purpose of this course is to introduce students to the Church’s social teachings. Seniors learn how Christ’s concern for others, especially the most vulnerable members of society, is present and active in the Church today and how each person is called to live out his or her vocation with faith and justice. The Church’s social teaching and mission will be emphasized as the students engage in a journey of spiritual discovery through discussion and participation through the e-learning module from St. Mary’s Press as well as a continuation of information from the Vocations textbook. Students will encounter the discussion of faith, mercy, and justice in relationships as part of the whole twelfth grade theology experience as well as discussing moral teachings of the Church regarding relationships and family issues.

Area G: COLLEGE-PREP ELECTIVES

NON-DEPARTMENTAL COURSES

Course Title: ASB-Leadership (0691, 0692)

Elective: Fr., So., Jr., Sr.

Prerequisite: Consent of instructor **Length:**

Semester

College Entrance: CSU, UC- 'g' requirement

Description: The leadership course is available to students who are or who wish to become involved in student government. The course will cover the fundamentals of student leadership as well as the application of leadership skills in the school setting. Students will be expected to participate actively in all ASB sponsored activities in addition to completing class assignments.

Course Title: Ag Communications & Leadership

Elective:

Prerequisite:

Length: Year

College Entrance: CSU, UC- 'f' requirement

Description: This course is designed to promote and develop leadership in the Agriculture Industry. Ag Communications and Leadership is a concentrator course for out CTE Ag Business Pathway and is project-based course aimed at increasing students' leadership capabilities. Through the planning and execution of numerous events for the school's FFA chapter, students will discover how to best effect change in their communities. Students will read extensively about the nature of leadership and its different styles. Additionally, students write frequently write – critically, reflectively, persuasively – and speak about the real world issues in Agriculture. Topics will include current issues in Ag legislation, development of personal leadership skills, FFA operations, FFA Judging Teams and exploration of past and present needs in the Ag Industry and its leaders. A supervised Agricultural Experience project is required and will be developed with the aid of the instructor. Students will help plan, organize and put on events in FFA. Students are required to complete 20 hours per semester. FFA participation and SAE, Supervised Agricultural Experience, Project will be part of the grade for this course. Communications and Leadership has two goals. One, increase the positive school's FFA chapter's culture through academic and social events. Two, help students enrolled in the class become more effective leaders.

This includes mastery of the following core leadership skills:

- Communication
- Planning/Organization/Forward Thinking
- Problem Solving
- Constructive Feedback/Evaluation
- Writing: critically, reflectively, persuasively
- Creativity
- Professionalism
- Confidence/Public Speaking
- Persistence
- Empathy

Course Title: Knights Seminar (2038, 2039), **Health** in 1st Semester as well

REQUIRED FRESHMEN COURSE Prerequisite:

None

Length: Year

Description: Knights' Seminar is a foundational course for all freshmen at St. Joseph High School. This course, which embeds basic wellness principles, the history of the Josephites, the history of the school, and the tenets of our school (mission, vision, purpose) was created for all freshmen. Additionally, Driver's Ed is embedded in this course for convenience for our busy students. This course is the one non-A-G compliant elective; we believe that this course helps students learn HOW to be Knights, about the school, and promotes the family atmosphere so integral to the SJHS experience.

Area G: COLLEGE-PREP ELECTIVES

NON-DEPARTMENTAL COURSES

Course Title: Lawn Period (0622, 0623)

Elective: Jr., Sr.

Prerequisite: Minimum 2.0 *academic* GPA, no “D” or “F” at grade check or semester grades

Length: Semester or Year

Description: This is a special junior/senior privilege. Juniors/Seniors in periods 2-8 are not allowed to leave campus during their free period. Students in first or fifth period are allowed to come late but must be on time for second and sixth period. On days with ALL schedule, fifth period free must stay on campus. Students can be on the senior lawn or in the heritage lobby during their free periods. Students are not to go into any classrooms unless it is the teacher’s prep period and the teacher is present. Juniors/Seniors falling below the prerequisite academic standards, who leave campus without permission during their free period, or who visit teachers or students when classes are in progress will be placed in a study hall until the next grading period (quarter or semester).

Course Title: Online Classes

Elective: Soph, Jr., Sr.

Prerequisite: None

Length: Semester

Description: These classes are designed for a student to choose a course from approved online courses and take the course during the school day. The fee for any online course is to be paid by the student.

Course Title: Office Assistant (0413, 0414)

Elective: Frosh, Soph, Jr., Sr.

Prerequisite: Consent of instructor

Length: Semester

Description: Office Assistants are responsible for answering phones, greeting visitors, sorting and posting mail, delivering messages to students and other miscellaneous activities as needed. This position introduces students to the proper business skills necessary in a working environment. This course is graded on a pass/fail basis. No more than 10 TA credits will be given.

Course Title: Teacher’s Aide (0415, 0416)

Elective: Soph, Jr., Sr.

Prerequisite: Consent of instructor

Length: Semester or Year

Description: TAs will be responsible for the general supervision of any and all activities which have been identified by the classroom teacher. Students are assigned as TAs based on the needs of the faculty and staff. The course is graded on a pass/fail basis. No more than 10 TA credits will be given. **NOTE: Juniors may enroll in either Study Hall or Teacher Aide in the fall and/or spring semesters. Seniors may enroll in Free Period, Study Hall, or Teacher Aide in the fall and/or spring semester.**

Course Title: Academic Advising (all grades) (1293, 1292, 1291)

Length: Year

Description: This course is a means of communication between students and counselors through Canvas, our school LMS. Parents can also choose to observe as well. Course planning, graduation requirements, college/career guidance, and scholarships are just a few topics covered.

Course Title: Study Lab (0889, 0890)

Length: Semester

Description: Class period for students with a STEP plan or for students who may need additional academic or organizational support.

Course Title: Study Hall (0425, 0426)

Length: Semester

Description: A quiet space provided to students to be productive.