

JESUIT HIGH SCHOOL

ACADEMIC CATALOG

2018 - 2019

ACADEMIC POLICIES

AND

COURSE DESCRIPTIONS

CONTENTS

Academic Policies and Procedures	3
Courses and Student Course Load.....	3
Graduation Requirements	3
Failures and Incompletes.....	4
Schedule Changes.....	4
Requirements for Taking Honors and Advanced Placement Courses	5
Estimated Hours of Weekly “Outside the Classroom” Work.....	6
Managing a Weekly Schedule	7
Academic Courses and Programs	8
English	9
Fine Arts	13
History	17
Mathematics	20
Physical Education / Health	26
Science	28
Theology	31
World Languages	34
Other Courses and Programs	39

ACADEMIC POLICIES AND PROCEDURES

COURSES AND STUDENT COURSE LOAD

A complete description of all courses and programs offered at Jesuit High School is contained in this Academic Catalog and online under “Academics”. Each year this catalog is revised in order to update course descriptions and to incorporate changes in academic procedures.

All students must be full-time at Jesuit High School. Freshmen (9th Grade) and Sophomores (10th Grade) must take seven (7) courses each semester. Juniors (11th Grade) and Seniors (12th Grade) must take a minimum of six (6) courses each semester. At the discretion of the Principal and with the concurrence of the student’s parent(s), the course requirement may be waived for an individual. Such waivers are extremely rare, and are restricted to the following cases:

- a. an emergency situation (e.g., serious illness on the part of the student)
- b. a valid educational reason (e.g., enrollment in a college or university course)

It is important to remember that waivers could affect college acceptance.

Students may take no more than one P.E. course per year (each P.E. course is a two-semester course). Aide or tutoring courses must be a seventh course; students in such courses receive a P/F grade.

Jesuit works in cooperation with Edison High School, a school that serves students with learning differences located on the Jesuit campus.

GRADUATION REQUIREMENTS

The requirements for graduation from Jesuit High School have been established by the Board of Trustees in conformance with guidelines developed by the Oregon State Department of Education and the Jesuit Schools Network. Students who successfully complete these requirements will be awarded a Jesuit High School diploma.

Graduation requirements are stated in terms of “credits earned.” One credit is awarded for each semester of work successfully completed. Students are required to: complete 51 credits in the required courses outlined below; take at least six courses each term; take courses in the appropriate sequence (e.g., Physics, then Chemistry, then Biology); and pass all courses taken at Jesuit High School. Students must take all courses at Jesuit High School, unless special permission is granted by the Academic Vice Principal for a student to move ahead (e.g., a summer lab science course which allows the student to move to the next level of science). Students may not take a course at another school in order to avoid taking it at Jesuit. Jesuit High School will not grant high school credit for experiences prior to enrollment in ninth grade. All students must complete the Christian Service requirement in their last two years, which includes 65 hours of service, a journal reflection, and final paper.

Required courses (51 credits):

English:	Eight credits	Four years
Fine Arts:	Two credits	One year
<u>History:</u>	Six credits	<u>Three years</u>
Mathematics:	Six credits	Three years
Physical Education/Health:	Four credits	Two years
<u>Science:</u>	Six credits	<u>Three years</u>
Theology:	Eight credits	Four years
Christian Service	One credit	One semester
World Language:	Four credits	Two years (must be same language)
Additional Electives:	Six credits	Three years
Financial Literacy	No credit	Summer (online)

FAILURES AND INCOMPLETES

The following policies govern failures and incompletes:

- a. Students must pass all subjects taken at Jesuit High School. A semester failure in any subject constitutes a deficiency which must be corrected. Deficiencies may be corrected in several ways: an approved course in evening school (Portland Public Schools and/or Portland Community College), summer school, or on-line. A student who fails a course must file with the Academic Vice Principal a plan to retake the course before the start of the next school year. Failed courses may not be made up at Jesuit during the regular school year. Make-up work will be recorded on the student's transcript and will be included in the grade point average. It is the student's responsibility to provide the school with an official transcript of all make-up work.
- b. An "Incomplete" is sometimes awarded when a student has not fulfilled course requirements for some reason (e.g., prolonged illness). In such cases, the student is expected to complete the requirements within four weeks of the date that the Incomplete was awarded. It is always the student's responsibility to contact the teacher with regard to correcting an Incomplete. An Incomplete that is not corrected within the four-week time span becomes an "F" unless special arrangements are made with the Academic Vice Principal and the teacher involved.
- c. All students must carry a 2.3 or better grade point average (GPA). Students who allow their semester GPA to drop below a 2.3 will be placed on academic probation and placed in a study hall. Students who are on academic probation for two semesters may be asked to leave Jesuit High School.

SCHEDULE CHANGES

Schedule changes are discouraged. Therefore, students must choose their courses wisely. In the event students are misassigned, they may request a schedule change. The last date for a schedule change is the second Friday after classes begin in the first semester. There are no schedule changes in the second semester. A \$10.00 fee is charged for schedule changes. To change a schedule, a student must:

1. Obtain a Schedule Change Form from the Academic Vice Principal;
2. Obtain the signatures of the teachers involved in the change;
3. Obtain a parent's signature as an indication of his/her approval;
4. Obtain the counselor's signature; and
5. File the Schedule Change Form with the Academic Vice Principal for approval and signature.

A schedule change is not effective until the Academic Vice Principal approves the request and indicates an effective date for the change.

REQUIREMENTS FOR TAKING HONORS AND ADVANCED PLACEMENT COURSES

A course designated by Jesuit High School as “Honors” (H) requires that students commit to in-depth, intensive study of complex material, both in and out of class.

An “Advanced Placement” (AP) designation before a name indicates that the course meets the standards set by the College Board for advanced college placement, and that students in the course are prepared to take the AP test of that subject in May of the current academic year. Students are **eligible** for college credit with a 3, 4, or 5 score on the exam.

Some courses in the Mathematics department are designated as “Post-AP” courses. While not preparing for a specific AP exam, the courses can only be taken after completion of an AP course and offer further studies in that area. All statements about the expectations of students in Honors/AP courses applies to these courses as well.

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

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

Honors and Advanced Placement courses require students to work independently.

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

Honors and Advanced Placement courses require students to develop personal commitments and a strong work ethic.

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

Honors and Advanced Placement courses require students to value learning.

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

Honors and Advanced Placement courses require students to maintain a positive attitude.

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

Honors and Advanced Placement courses require students to take an interest in the subject.

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

ESTIMATED HOURS OF WEEKLY “OUTSIDE THE CLASSROOM” WORK

The following chart shows the estimated number of hours required for each AP or Post-AP course outside of the regular class time of the bell schedule. The estimated hours are given as an average only; each student knows his/herself best and the time needed in particular subjects. Further, most AP courses increase their workload in the spring leading up to the AP exam schedule in May. When forecasting, students must take into account the extra time that these courses will require.

A common question from students regarding course selection is whether the student should take an “easier course” with a great likelihood of getting a higher grade, or enroll in a more rigorous course in which a higher grade is less likely. A three prong response:

1. Students should choose courses that make sense to them. The courses they choose in each discipline should provide a new level of challenge and opportunity for growth.
2. Students should do as well as they can in their courses.
3. Ultimately, students should apply to colleges that will value the level of academic scholarship that s/he has to offer.

Juniors and seniors will hear from college admissions deans that they should take the most challenging courses for which they are qualified – *within reason*. The top four factors in the college admission decision are:

1. Grades in college prep courses
2. Strength of curriculum
3. SAT and ACT scores
4. Grades in all courses

Jesuit students can attest that all of our courses are challenging, especially when taken in combination. The challenge is finding the right combination. Some students need to be challenged to push themselves harder by seeking more rigorous courses.

Course Name	Open to:	Estimated Hours
Advanced Biology (Post-AP)	12th Grade	1.5 h
Calculus AB (AP)	9th, 10th, 11th, 12th Grade	3.5 h
Calculus BC (AP)	9th, 10th, 11th, 12th Grade	2 h
Chemistry (AP)	10th, 11th, 12th Grade	3 h
Chinese V (AP)	9th, 10th, 11th, 12th Grade	4 h
Comparative Gov (AP)	12th Grade	3 h
Computer Science (AP)	10th, 11th, 12th Grade	4-5 h
Data Structures (Post-AP)	11 th , 12 th Grade	5 h
English Language (AP)	11th Grade	4-5 h
English Literature (AP)	12th Grade	3 h
French V/VI (AP)	10th, 11th, 12th Grade	2 h
Macroeconomics (AP)	12th Grade	3 h
Physics, Mechanics (AP)	11th, 12th Grade	3 h
Physics, E & M (AP)	11th, 12th Grade	3 h
Spanish V (AP)	11th, 12th Grade	1.5 h
U.S. History (AP)	11th Grade	4-5 h
US Government (AP)	12th Grade	3 h
Discrete Mathematics (Post-AP)	10th, 11th, 12th Grade	3-4 h
Linear Algebra (Post-AP)	10th, 11th, 12th Grade	3-4 h
Multivariable Calculus (Post-AP)	10th, 11th, 1s2th Grade	3-4 h
Number Theory (Post-AP)	10th, 11th, 12th Grade	3-4 h

MANAGING A WEEKLY SCHEDULE

Forecasting courses is a search for BALANCE. When selecting courses, students should carefully consider what their lives will look like next school year. As students get older, courses continue to grow more rigorous. Seniors, who sometimes operate under the illusion that “junior year is the hardest” academic year, will face both challenging courses and the college application process.

As students choose courses, they should consider not only their academic interests, but also such questions as: Will I have a job next school year? Will I have the opportunity to exercise? Do I plan to play a sport, audition for a play, go on retreats, or be in a club? How much sleep do I get right now? How much will I get next year, when the material will be more complex and challenging in every course? What are my college aspirations?

Worksheet for Calculating Weekly Workload

Sleep:

Recommended 8-9 hours per night, 56-63 hours per week

In-School Time:

6.75 hours per day, Monday – Friday, with late-start Tuesdays

Homework:

Calculate average workload, including for any Honors/AP courses or a Prep Period

Sports Practice:

Consider daily practice as well as games, meets, etc.

Jesuit HS Co-curriculars (club meetings, fine arts, etc.):

Consider after school as well as weekend commitments

Outside of School Activities:

Travel to school/family times/meals/Mass/friends/TV/Social media/non-Jesuit HS co-curriculars

Hours in one week:

168 Hours

All categories, added up, must be less than 168 hours. Keep in mind as well this does not include meals or leisure time.

Student Signature

Parent Signature

ACADEMIC COURSES AND PROGRAMS

English	9
Fine Arts.....	13
History	17
Mathematics	20
Physical Education / Health.....	26
Science.....	28
Theology.....	31
World Languages.....	34
Other Courses and Programs	39

Academic Vice Principal: Christopher C. Smart, Ed.D. (csmart@jesuitportland.org)

ENGLISH

The student of English at Jesuit High School will learn to use those language skills which foster a love of literature and ensure competence in reading, writing, thinking, listening, and speaking. Such competence is a basis for a more important goal—that the study of literature and language, reflecting diverse cultural traditions, must enhance the graduate’s ability to make future choices based on the Profile of the Graduate at Graduation. To assist students in creating meaningful connections with literature, English courses will also incorporate students’ spiritual, emotional, and physical health into the discussion of literary themes. The literature and language skills taught will ultimately present a compelling case for students to lead moral lives as men and women for others.

ENGLISH I

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	N/A for Freshmen Level

Examining the issues and questions associated with coming of age, students of English I will study a variety of literary forms, including fiction, nonfiction, poetry, drama, and short stories. Specifically, students will apply their understandings of literary terms to these texts and will develop their close reading and analytical skills. In the descriptive, expository and persuasive modes, students will write multi-paragraph essays that explain their understandings from their readings, with particular focus on the process of composition: pre-writing, drafting and revision. In their writing, students will apply their comprehension of English grammar, including parts of speech and a variety of grammatical structures.

This course fulfills the 9th Grade requirement for English

Course and Grade Prerequisites: | None

ENGLISH I (HONORS)

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	N/A for Freshmen Level

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog. Students of English I will study a variety of literary forms including fiction, nonfiction, poetry, drama, and short stories. Students will encounter coming of age texts through studying the four major literary genres: epic, tragic, lyric, and comic. We use the heroic journey as a lens through which to interpret the texts falling within the epic genre. Through the study of literature, students will be introduced to literary terms, close reading skills, and literary analysis. Students will learn to write multi-paragraph essays analyzing and writing persuasively on an assigned text with a primary focus on paragraph development and the writing process. Students will be instructed in the usage of English grammar throughout the year including the parts of speech as well as a focus on simple, complex, compound, and compound-complex sentences.

This course fulfills the 9th Grade requirement for English

Course and Grade Prerequisites: | Placement Exam Score 170+ on National Percentile HSPT, or Petition and Portfolio

ENGLISH II

Open to:	Course Length:	Teacher Approval?
10th Grade	Two Semesters	None

English II is a year-long course that will focus on the themes of culture and identity in contemporary literature. Students will explore the foundations of culture and the challenges of forging an individual identity within the pre-established norms, beliefs, and values of a particular society. Issues of race, gender, class, and ethnicity will be discussed within the context of the spiritual, emotional, and physical health (SEPH) curriculum designed specifically for Jesuit High School sophomores. Students will study diverse cultural identities, including the unique challenges presented to teenagers by American contemporary culture, through an integrated program, which includes critical reading, research skills, analytical writing, grammar, vocabulary development, speaking, and listening.

This course fulfills the 10th Grade requirement for English

Course and Grade Prerequisites: | Completion of English I

ENGLISH II (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th Grade	Two Semesters	Yes

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

English II Honors is a year-long course that focuses on the relationship between culture and identity. Students will explore the foundations of culture and the challenges of forging an individual identity within the pre-established norms, beliefs, and values of a particular society. The course addresses the foundations of diverse cultures – with a particular focus on the unique challenges presented to teenagers by contemporary American culture. We will discuss issues of race, gender, class, and ethnicity within the context of the spiritual, emotional, and physical health (SEPH) curriculum designed specifically for Jesuit High School sophomores.

Students can expect a rigorous, integrated program, which includes not only critical reading, but also analytical writing, grammar instruction, research skills, vocabulary development, speaking skills, and listening skills. The course includes a range of genres including novels, nonfiction, drama, short stories, essays, poetry, graphic novels, and film. In addition to the course texts, students read one independently-selected novel in the second semester.

Students who enroll in this course should, simply put, love English class and want to devote particular attention and time to the study of English. Successful English II Honors students are committed to

- reading deeply and actively (annotating)
- participating regularly in class
- engaging in an ongoing process of essay drafting and revision
- conferencing with the teacher about their writing
- developing their analytic writing skills.

This course fulfills the 10th Grade requirement for English

<i>Course and Grade Prerequisites:</i>	Students may be asked to submit work or write an essay for teacher approval to determine if Honors placement is appropriate for them
--	--

ENGLISH III

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th Grade	Two Semesters	None

The English III curriculum focuses on American literary movements: Folklore, Puritanism, Romanticism, Transcendentalism, Realism, Modernism, and Postmodernism. Literary analysis develops critical thinking, reading, and writing skills. The research paper reinforces library and research skills in a fully-documented and fully-developed paper. Vocabulary development and conventions of language receive continued emphasis.

This course fulfills the 11th Grade requirement for English

<i>Course and Grade Prerequisites:</i>	Completion of English II
--	--------------------------

ENGLISH III – LANGUAGE AND COMPOSITION (ADVANCED PLACEMENT)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th Grade	Two Semesters	Yes

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

AP English Language and Composition is an 11th grade advanced course at Jesuit High School. It adheres to the curricular requirements as established by the College Board through wide-ranging exposure to mediums of literature including, but not limited to, nonfiction, fiction, poetry, visual rhetoric, etc. The course is an intensive survey course centered on nonfiction rhetorical writing while incorporating and focusing on rhetorical strategies within all forms of argument. The course involves writing essays that proceed through several stages or drafts, with revision aided by peers and the teacher. In addition, writing will also be established in informal contexts (journal keeping, etc.) and through time-limited assessment. The class will incorporate research in both the term essays during the first two terms as well as a research paper during the fifth term. Final exam timed essays will account for the third and sixth term. Through research, students will become proficient in synthesizing secondary articles with primary texts, citing properly, and furthering their understanding of rhetorical strategies.

This course fulfills the 11th Grade requirement for English

<i>Course and Grade Prerequisites:</i>	Students may be asked to submit work or write an essay for teacher approval to determine if AP placement is appropriate for them
--	--

ENGLISH IV

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
12th Grade	Two Semesters	None

English IV consists of a chronological study of British literature from the fifth to twentieth century. The variety of genres may include the epic poem, Medieval poetry, Elizabethan tragedy, satire, Romanticism, Victorian literature, poetry, essays, and the twentieth-century literature. Students will continue to develop and refine writing skills in preparation for the transition to college. Students will receive instruction in the writing of the college admissions essay. The English IV class will conclude with the completion of a long-term research project designed to demonstrate skills acquired over a student’s four years at Jesuit.

This course fulfills the 12th Grade requirement for English

<i>Course and Grade Prerequisites:</i>	Completion of English III
--	---------------------------

ENGLISH IV – LITERATURE (ADVANCED PLACEMENT) (PCC ENG 104, 106 WR 122)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
12th Grade	Two Semesters	Yes

*This course offers dual credit with Portland Community College, giving the opportunity to earn college credit.

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

Advanced Placement English is a college-level class taught under the guidelines of the College Board in preparation for the A.P. examination in May. The central goal of Advanced Placement English is to deepen a student’s understanding of how writers use language to provide both meaning and pleasure for their readers. Students are expected to read widely and deeply while considering a work’s structure, style, theme, syntax, diction, and tone. Works of various genres and literary periods will be studied. In-depth writing assignments, vigorous classroom participation, and commitment to course objectives are expected.

This course fulfills the 12th Grade requirement for English

<i>Course and Grade Prerequisites:</i>	Students may be asked to submit work or write an essay for teacher approval to determine if AP placement is appropriate for them
--	--

SPEECH AND DEBATE

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

This course provides students with public speaking practice and explores the nature of leadership, group dynamics, and communication in many forms. Students will gain an understanding of the American legal system and will compete interscholastically as members of Jesuit's Mock Trial Team. Students make a number of formal speeches which are critiqued by the teacher and classmates. In addition, students develop writing and listening skills, practice critical thinking, and learn to use presentation technology. Students who register for this course should have an interest in current events and must be willing to attend weekend Mock Trial scrimmages and competitions.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Application Required

JOURNALISM

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

Journalism is a practicum course in which sophomores, juniors, and seniors publish the student newspaper. Students learn the responsibilities of editors, photographers, and writers. The skills taught include: reporting and interviewing; newswriting and headline writing; proofreading; editing; and desktop publishing. Students are expected to devote after-school time to this course. Students may enroll in this course for a second and third year, as different skills will be required each year.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Application Required

YEARBOOK

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

Yearbook is a full-year course in which the students are responsible for producing the school annual, *The Insignis*. Students learn the skills of page layout, copywriting, and photography. In addition, students oversee the business of management of the annual. Of primary importance for all students is the ability to meet deadlines. Students may enroll in this course for a second and third year, as different skills will be required each year.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Application Required

BROADCAST JOURNALISM

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

Students in this workshop course are responsible for operating JCTV, the school's student-run broadcasting organization. Students learn the different roles involved in creating a high-quality live broadcast, including technical production, on-air announcing, and camera work. Students will also learn skills in graphics, video, and sound production for creating video packages (e.g., interviews and highlight reels). In addition, students will develop an understanding of contemporary broadcast journalism in practice and as a business. Students will be required to devote after-school time to this course, including broadcasting evening and some weekend athletic events. Students may enroll in this course for a second or third year, as different skills will be required each year.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Application Required

FINE ARTS

The Fine Arts Department at Jesuit High School offers the opportunity for varied as well as concentrated experiences to explore students' creative energy. The courses begin with the development of basic skills and culminate in programs designed to maximize personal expressions in selected media. Students may enter the first level of Art, Band, or Tech Theatre without prior experience; students interested in Choir or Drama must complete Fine Arts I with a relevant focus. Higher levels require either completion of the basic course or an application (usually an interview or audition).

FINE ARTS I

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	N/A for Freshmen Level

This course provides the opportunity for students to explore each of the Fine Arts Programs at JHS, with one semester split between Drama and Visual Art, and the other focused on Music (where students can select an emphasis on Vocal or Instrumental). Students are encouraged to try new things, develop an accepting attitude, explore their gifts, and to appreciate the efforts of others through the discipline of the Fine Arts.

This course fulfills the 9th Grade requirement for Fine Arts

Course and Grade Prerequisites: | None

ART I BRIDGE

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	Special—See prerequisites below

Freshmen may apply for this course which bridges curricula from both Fine Arts I and Art I, including studies in line, shading, rendering, sighting, color theory, perspective, and early art history. Students will learn to use pencil, ink, colored pencil, tempera, linoleum block printing and acrylic on canvas. Upon the successful conclusion of this course, students will have fulfilled the prerequisite for entry into Art II.

This course fulfills the 9th Grade requirement for Fine Arts

Course and Grade Prerequisites: | Portfolio and Interview with Teacher

ART I

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	None

Art I is offered to develop the student's visual awareness and to acquaint the student with basic skills and concepts used in art. Students will experiment with a variety of media and will master such skills as perspective, color-mixing, drawing, print-making, and rendering techniques

This course fulfills the 9th Grade requirement for Fine Arts, or may be taken as an elective

Course and Grade Prerequisites: | None

ART II

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

The Art II curriculum is designed to challenge the serious art student. Students at this level must have competent drawing skills. This course includes introduction to new techniques and materials, the study of historical and cultural influences on visual art, figure-drawing, graphic design and portraiture, as well as out-of-class projects.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | Completion of Art I or Art I Bridge

ART III

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Yes

*This is an option for committed art students only.

In addition to advanced instruction in techniques, students will study historical movements and themes as they relate to visual arts. Students are encouraged to develop thoughtful personal approaches to the units of study and are expected to share their abilities with the larger Jesuit community through required out-of-class projects.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Completion of Art II

ART IV

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Yes

*This is an option for committed art students only.

Art IV students continue at an advancing level while developing their portfolios. Studies include further exposure and practice in the areas of sculpture, printmaking and mixed media, development of a cohesive series of work, experiencing a proposal process and carrying out an on and/or off-campus art exhibit, and a self-directed study.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Completion of Art III

CONCERT BAND

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	None

*Students must be enrolled in a Band course to be eligible for honor bands and solo contests.

The Concert Band consists of freshman students who wish to continue their instrumental music performing experience from middle school and students of any grade level who are new to instrumental music study. Concert Band students will perform music at the easy to medium level, which includes compositions from the wind band repertoire, and will continue to develop fundamental music elements to help strengthen their musical abilities in a performance setting. The Concert Band will combine with the Symphonic Band to make up the Pep Band. Pep Band is required to play at all home football games, selected basketball games, and selected playoff games.

This course fulfills the 9th Grade requirement for Fine Arts, or may be taken as an elective

Course and Grade Prerequisites: None

SYMPHONIC BAND

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Special—See prerequisites below

*Students must be enrolled in a Band course to be eligible for honor bands and solo contests.

The Symphonic Band consists of students in grades 9-12 who wish to continue their instrumental music performing experience at a higher level. Symphonic Band students will perform music at the medium to advanced level, which includes compositions from the wind band repertoire, and will continue to develop fundamental music elements to help strengthen their musical abilities in a performance setting. Students will partake in advanced rehearsal and performance techniques with an emphasis on Musicality. The Symphonic Band will perform in various festivals and competitions throughout the state. The Symphonic Band will combine with the Concert Band to make up the Pep Band. Pep Band is required to play at all home football games, selected basketball games, and selected playoff games.

This course fulfills the 9th Grade requirement for Fine Arts, or may be taken as an elective

Course and Grade Prerequisites: Completion of Concert Band, or Audition

CONCERT CHOIR

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	None

Concert Choir continues the development of musical skills begun in Mixed Choir. Emphasis is on more advanced vocal technique, three- and four-part sight-reading, and preparation of more demanding choral and solo literature. Concert Choir performs both sacred and secular music in various styles. Attendance is mandatory at all performances. Students may enroll in this course for a second or third year.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites:

MIXED CHOIR

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9 th Grade	Two Semesters	None

Mixed choir is designed for any student who wants to develop better singing abilities. Prior choir experience is not required. Music fundamentals, including tone production, harmony, and sight-reading, are emphasized. The choir performs both sacred and secular music in various styles. Attendance is required at all performances.

This course fulfills the 9th grade Fine Arts requirement

Course and Grade Prerequisites: | None

CHAMBER CHOIR

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Special—See prerequisites below

Chamber Choir is offered for advanced singers with a solid knowledge of music theory and good sight-reading skills. Emphasis is on preparation of challenging choral, ensemble, and solo literature. This group participates in several festivals throughout the year, and has some evening and weekend commitments. Attendance is required at all performances. Students may enroll in this course for a second or third year

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | Audition

DRAMA AND THEATRE

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	None

With a focus on the art of acting for the stage, this course explores the creative process of drama and the performance skills of theatre in a unique, active format. Students develop and draw upon inner and outer resources to create and perform scenes based on both scripted and improvised material. Drama and Theatre provides a fun and meaningful experience for actors and non-actors alike

This course fulfills the Fine Arts requirement or may be taken as an elective.

Course and Grade Prerequisites: | None

CREATIVE WRITING FOR CONTEMPORARY MEDIA

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	None

Creative Writing focuses on the dynamic craft of dramatic storytelling, from its ancient roots in oral tradition to today's cinema as literature. Through a cross-curricular approach, Creative Writing explores a wide range of genres and styles, from playwriting to poetry to screenwriting to filmmaking. In addition to supporting the annual Playwriting Festival, course participants will be heavily involved in the publication of *CANTOS*, Jesuit's Literary Arts Magazine, as they explore the craft of storytelling. Students should expect a significant amount of reading, as well as viewing of required films. Moreover, students must be willing to devote considerable time and energy to creative writing.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | None

TECHNICAL THEATRE

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	None

Working in a hands-on format, this course focuses on the technical skills and artistic sensibilities that are required to support JHS Drama Productions and a wide range of campus events from "behind the scenes." Using state-of-the-art equipment, while drawing on classical traditions, students have a part in designing and executing several full-scale productions. Significant outside-of-class "crew hours" are required. Students may enroll in this course for a second or third year, developing advanced theatre and leadership skills.

This course fulfills the 9th Grade requirement for Fine Arts, or may be taken as an elective

Course and Grade Prerequisites: | Application Required

HISTORY

Studying history broadens our view of society, past and present. Students at Jesuit develop an understanding of the historical events that affect our lives; a deeper appreciation of peoples and their cultures; a problem-solving approach that reflects critical analysis and historical perspective; and an awareness of values.

WORLD HISTORY

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	N/A for Freshmen Level

World History traces the history of the Americas, Asia, Africa, and Europe from antiquity to the modern era. Skill development includes geography, note-taking, test preparation, and formal composition writing. Students will research and write a formal history essay.

This course fulfills the 9th Grade requirement for History

Course and Grade Prerequisites: | None

UNITED STATES HISTORY

Open to:	Course Length:	Teacher Approval?
11th Grade	Two Semesters	None

United States History explores the nation's political, economic, and social development from colonial to modern times. Teachers supplement the course text, *The Americans*, with extensive primary sources that students learn to analyze and interpret. Skills build on those introduced in World History, with an emphasis on analytical writing and the historical narrative.

This course fulfills the 11th Grade requirement for History

Course and Grade Prerequisites: | None

UNITED STATES HISTORY (ADVANCED PLACEMENT)

Open to:	Course Length:	Teacher Approval?
11th Grade	Two Semesters	Yes, from Freshman History Teacher

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Advanced Placement United States History provides motivated students with superior reading, writing, and research skills in a comprehensive study of U.S. history from pre-contact to modern times. In addition to studying advanced factual content, students learn to work with primary and secondary materials. This course follows the College Board standards to prepare students for the AP United States History Exam in May.

This course fulfills the 11th Grade requirement for History

Course and Grade Prerequisites: | 'A-' in both semesters of World History, and overall unweighted cumulative GPA of 3.6, and submission of a sophomore year writing sample.

UNITED STATES GOVERNMENT, ECONOMICS, AND POST-COLD WAR EUROPE

Open to:	Course Length:	Teacher Approval?
12th Grade	Two Semesters	None

This course builds on foundations established in United States History to explore the modern US government and the basics of economics. Broadening students' horizons, the class also explores Europe since 1989, concentrating on economic and political unity, immigration, and powerful undercurrents of nationalism.

This course fulfills the 12th Grade requirement for History

Course and Grade Prerequisites: | None

UNITED STATES GOVERNMENT, ECONOMICS, AND THE POST-COLD WAR UNITED STATES

Open to:	Course Length:	Teacher Approval?
12th Grade	Two Semesters	None

This course builds on foundations established in United States History to explore the modern US government and the basics of economics. Students also study the US since the fall of the Soviet Union, the development of a unipolar world, the challenges of terrorism on geopolitical stability, and the growth of political partisanship.

This course fulfills the 12th Grade requirement for History

Course and Grade Prerequisites: | None

COMPARATIVE GOVERNMENT AND POLITICS (ADVANCED PLACEMENT)

Open to:	Course Length:	Teacher Approval?
12th Grade	Two Semesters	Yes, from Junior History Teacher

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Advanced Placement Comparative Government and Politics introduces concepts used by political scientists to study politics in a variety of settings. The course covers the diversity of political life in order to show available institutional alternatives; to explain differences in processes and policy outcomes; and to illustrate the importance of global political and economic changes. To interpret political phenomena, the course focuses on six nations: China, Great Britain, Mexico, Nigeria, Russia, and Iran. Studying these six nations requires an understanding and application of political theories, recognizing that not all theories are equally useful in analyzing all countries. This course follows the College Board standards to prepare students for the AP United States Government and Politics Exam in May.

This course fulfills the 12th Grade requirement for History

Course and Grade Prerequisites: | Must have 'B' in U.S. History or 'B-' in U.S. History (AP)

UNITED STATES GOVERNMENT AND POLITICS (ADVANCED PLACEMENT)

Open to:	Course Length:	Teacher Approval?
12th Grade	Two Semesters	Yes, from Junior History Teacher

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Advanced Placement United States Government and Politics is a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students read and analyze US foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions between political institutions and behavior. Students read and interpret data, develop evidence-based arguments, and engage in an applied civics or politics research-based project. This course follows the College Board standards to prepare students for the AP United States Government and Politics Exam in May.

This course fulfills the 12th Grade requirement for History

Course and Grade Prerequisites: | Must have 'B' in U.S. History or 'B-' in U.S. History (AP)

MACROECONOMICS (ADVANCED PLACEMENT)

Open to:	Course Length:	Teacher Approval?
12th Grade	Two Semesters	Yes, from Junior History Teacher

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

AP Macroeconomics examines economics from the macroeconomic, or broad overview, standpoint. The key areas covered are basic economic principles, how national economic performance is measured, what determines national income (GDP) and price levels, how money is created and controlled, how government spending, taxing, and monetary policies impact the economy, and how international trade and finance impact the economy. Success in AP Macroeconomics predicates itself on strong reading and reasoning skills along with a solid background and understanding of algebra. This course follows the College Board standards to prepare students for the AP Macroeconomics Exam in May.

This course fulfills the 12th Grade requirement for History

Course and Grade Prerequisites: | Must have 'A-' in U.S. History or 'B' in U.S. History (AP)

INTERNATIONAL STUDIES

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
12th Grade	Two Semesters	Yes

The course focuses on the principal geopolitical issues in five regions critical to the 21st Century: Asia, South America, Europe, Africa, and the Middle East. The course explores political, religious, and cultural life. International Studies addresses differences in governmental and non-governmental agencies, helping students to understand global political and economic transitions. The course also examines the critical regional and international conflicts that challenge global stability.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Application Required

MATHEMATICS

Mathematics offers students an appreciation and understanding of the world of numbers and space, and skill in working with them. To aid their work, it is necessary for all students to have a TI-89 calculator.

Placement will be determined every year by the current math teacher and the department. Students usually follow one of the sequences (listed below), but are not locked into any one sequence. Teachers assess each student's progress continuously and will accelerate any student who may be ready to move to a higher level of math. Students may take summer school (with teacher permission) to progress to a higher level in the fall. A student who is struggling with one level may move to another course which more appropriately meets the student's academic needs.

The recommendation to advance into any Honors or AP course is contingent upon the student receiving an 'A' in both semesters of the current year.

9 th	10 th	11 th	12 th
Algebra I	Geometry	Algebra II	Statistics
Algebra I/Trig	Geometry/Trig	Algebra II/Trig	Precalculus or Statistics
Algebra I/Trig (H)	Geometry/Trig (H)	Algebra II/Trig (H)	Precalculus (H) or Statistics
Algebra I/Trig (H)	Geometry/Trig (H)	Precalculus (H)	Calculus AB (AP)
Geometry/Trig (H)	Algebra II/Trig (H)	Precalculus (H)	Calculus AB (AP)
Geometry/Trig (H)	Precalculus (H)	Calculus AB (AP)	Calculus BC (AP)
Algebra II/Trig (H)	Precalculus (H)	Calculus AB (AP)	Calculus BC (AP)
Precalculus (H)	Calculus AB (AP)	Calculus BC (AP)	Advanced Math Offering*
Calculus AB (AP)	Calculus BC (AP)	Advanced Math Offering*	Advanced Math Offering*
Calculus BC (AP)	Advanced Math Offering*	Advanced Math Offering*	Advanced Math Offering*

*Advanced Math Offerings include Linear Algebra, Multivariable Calculus, Discrete Mathematics, and Number Theory. These courses, as well as Statistics, may receive dual credit through Portland State University.

ALGEBRA I

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	Special—See prerequisites below
Topics for study include: properties of the real numbers; algebraic expressions; linear equations, including absolute value equations; absolute value functions; linear inequalities, including compound inequalities and absolute value inequalities; functions; slope; linear functions; systems of equations and inequalities; exponents; polynomials; quadratic functions; solving quadratic equations; radicals; and an introduction to rational and exponential functions.		
This course fulfills the 9th Grade requirement for Mathematics		
<i>Course and Grade Prerequisites:</i> Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs		

ALGEBRA I / TRIGONOMETRY

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	Special—See prerequisites below
Topics for study include: properties of the real numbers; algebraic expressions; linear equations, including absolute value equations; absolute value functions; linear inequalities, including compound inequalities and absolute value inequalities; functions; slope; linear functions; systems of equations and inequalities; exponents; polynomials; quadratic functions; solving quadratic equations; radicals; an introduction to rational and exponential functions; and right triangle trigonometry.		
This course fulfills the 9th Grade requirement for Mathematics		

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
--	---

ALGEBRA I / TRIGONOMETRY (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th Grade	Two Semesters	Special—See prerequisites below

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

Topics for study include: properties of the real numbers; algebraic expressions; linear equations, including absolute value equations; absolute value functions; linear inequalities, including compound inequalities and absolute value inequalities; functions; slope; linear functions; systems of equations and inequalities; exponents; polynomials; quadratic functions; solving quadratic equations; radicals; an introduction to rational and exponential functions; and right triangle trigonometry

This course fulfills the 9th Grade requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher’s evaluation of course grades, class participation, and academic needs
--	---

GEOMETRY

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th Grade	Two Semesters	Special—See prerequisites below

Topics for study include: principles of geometric construction; coordinate geometry; properties of triangles; introduction to logic and proofs; properties of polygons and circles; postulates and theorems; congruence; similarity; area; and volume.

This course fulfills the 10th Grade requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher’s evaluation of course grades, class participation, and academic needs
--	---

GEOMETRY / TRIGONOMETRY

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th Grade	Two Semesters	Special—See prerequisites below

Topics for study include: principles of geometric construction; coordinate geometry; properties of triangles; introduction to logic and proofs; properties of polygons and circles; postulates and theorems; congruence; similarity; area; volume; and right triangle trigonometry.

This course fulfills the 10th Grade requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher’s evaluation of course grades, class participation, and academic needs
--	---

GEOMETRY / TRIGONOMETRY (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th and 10th Grade	Two Semesters	Special—See prerequisites below

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

Topics for study include: principles of geometric construction; coordinate geometry; properties of triangles; introduction to logic and proofs; properties of polygons and circles; postulates and theorems; congruence; similarity; area; volume; right triangle trigonometry; rational and negative exponents; polynomials and factoring; rational expressions; and an introduction to exponential and logarithmic functions.

This course fulfills the appropriate year’s requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher’s evaluation of course grades, class participation, and academic needs
--	---

ALGEBRA II

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th Grade	Two Semesters	Special—See prerequisites below

Topics for study include: properties of the real numbers; algebraic expressions; linear equations, including absolute value equations; absolute value functions; linear inequalities, including compound inequalities and absolute value inequalities; functions; slope; linear functions; systems of equations and inequalities; exponents; polynomials; quadratic functions; solving quadratic equations; radicals; graphing of equations; rational expressions; rational and negative exponents; and an introduction to exponential and logarithmic functions.

This course fulfills the 11th Grade requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
--	---

ALGEBRA II / TRIGONOMETRY

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th Grade	Two Semesters	Special—See prerequisites below

Topics for study include: properties of the real numbers; algebraic expressions; linear equations, including absolute value equations; absolute value functions; linear inequalities, including compound inequalities and absolute value inequalities; functions; slope; linear functions; systems of equations and inequalities; exponents; polynomials; quadratic functions; solving quadratic equations; radicals; graphing of equations; rational expressions; rational and negative exponents; exponential and logarithmic functions; and right triangle trigonometry, including the unit circle.

This course fulfills the 11th Grade requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
--	---

ALGEBRA II / TRIGONOMETRY (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th Grade	Two Semesters	Special—See prerequisites below

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

Topics for study include: properties of the real numbers; algebraic expressions; linear equations, including absolute value equations; absolute value functions; linear inequalities, including compound inequalities and absolute value inequalities; functions; slope; linear functions; systems of equations and inequalities; exponents; polynomials; quadratic functions; solving quadratic equations; radicals; graphing of equations; rational expressions; rational and negative exponents; exponential and logarithmic functions; and right triangle trigonometry, including the unit circle.

This course fulfills the appropriate year's requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
--	---

PRECALCULUS (PCC MTH 111)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
12th Grade	Two Semesters	Special—See prerequisites below

*This course offers dual credit with Portland Community College, giving the opportunity to earn college credit.

Topics for study include: the real number system, including irrational numbers; linear, quadratic, and higher degree functions and their graphs; polynomial and rational functions; exponential and logarithmic functions; trigonometry and the unit circle; and trigonometric identities.

This course fulfills the 12th Grade requirement for Mathematics

<i>Course and Grade Prerequisites:</i>	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
--	---

Precalculus (Honors)

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	Special—See prerequisites below

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

Topics for study include: the real number system, including irrational numbers; linear, quadratic, and higher degree functions and their graphs; polynomial and rational functions; exponential and logarithmic functions; trigonometry and the unit circle; trigonometric identities; law of sines and cosines; vector and matrix operations; arithmetic and geometric sequences; and probability.

This course fulfills the appropriate year's requirement for Mathematics

Course and Grade Prerequisites:	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
---------------------------------	---

Calculus AB (Advanced Placement)

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	Special—See prerequisites below

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

Topics for study include: limits; differentiation; applications of differentiation; integration; applications of integration; and elementary differential equations. This course follows the College Board standards to prepare students for the AP Calculus AB Exam in May.

This course fulfills the appropriate year's requirement for Mathematics

Course and Grade Prerequisites:	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
---------------------------------	---

Calculus BC (Advanced Placement)

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	Special—See prerequisites below

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

Topics for study include: limits; differentiation; applications of differentiation; integration; applications of integration; elementary differential equations; parametric equations; polar coordinates; advanced integration techniques; improper integrals; series; and two-dimensional motion. This course follows the College Board standards to prepare students for the AP Calculus BC Exam in May.

This course fulfills the appropriate year's requirement for Mathematics

Course and Grade Prerequisites:	Each student will receive placement based on their current teacher's evaluation of course grades, class participation, and academic needs
---------------------------------	---

Introduction to Probability and Statistics I and II (PSU STAT 243/244)

Open to:	Course Length:	Teacher Approval?
12th Grade	Two Semesters	Yes

*This course offers dual credit with Portland State University, giving the opportunity to earn college credit.

A basic course in statistical analysis including presentation of data probability, probability distributions, sampling distributions, estimation, tests of significance, experimental design and analysis of variance, regression and correlation, nonparametric statistics, selected topics, applications, and use of statistical computer packages.

This course fulfills the 12th Grade requirement for Math, or may be taken as an elective

Course and Grade Prerequisites:	Completion of Algebra II or higher
---------------------------------	------------------------------------

INTRODUCTION TO LINEAR ALGEBRA (PSU MTH 261)

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

*This course offers dual credit with Portland State University, giving the opportunity to earn college credit.

Linear algebra deals with the theory of systems of linear equations, matrices, vector spaces, determinants, and linear transformations. This course develops concepts and techniques that are basic to advanced mathematics and are an important tool in a variety of disciplines, including engineering, physics, computer science, statistics, and economics.

This course fulfills the appropriate year's requirement for Mathematics, or may be taken as an elective

Course and Grade Prerequisites: | This is a post-AP course, following completion of Calculus BC (AP)

MULTIVARIABLE CALCULUS (PSU MTH 254)

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

*This course offers dual credit with Portland State University, giving the opportunity to earn college credit.

Topics of study include: vectors and the geometry of space, vector functions, partial derivatives, multiple integrals, and vector calculus; and applications.

This course fulfills the appropriate year's requirement for Mathematics, or may be taken as an elective

Course and Grade Prerequisites: | This is a post-AP course, following completion of Calculus BC (AP)

NUMBER THEORY (PSU MTH 346) (OFFERED 2018-19)

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

*This course offers dual credit with Portland State University, giving the opportunity to earn college credit.

Number theory is the branch of pure mathematics concerned with the properties of integers. It is one of the oldest branches of mathematics, dating back to Euclid. One of its central objects of study is prime numbers and their properties and relations. Recently, number theory has found significant application in computer science and cryptography.

This course fulfills the appropriate year's requirement for Mathematics, or may be taken as an elective

Course and Grade Prerequisites: | This is a post-AP course, following completion of Calculus BC (AP)

DISCRETE MATHEMATICS (PSU MTH 356) (OFFERED 2019-20)

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

*This course offers dual credit with Portland State University, giving the opportunity to earn college credit.

Discrete mathematics is quickly becoming one of the most important areas of mathematical research, with applications to cryptography, engineering, and computer science. Topics of study include: combinatorics, probability, number theory, and graph theory.

This course fulfills the appropriate year's requirement for Mathematics, or may be taken as an elective

Course and Grade Prerequisites: | This is a post-AP course, following completion of Calculus BC (AP)

INTRO TO COMPUTER SCIENCE / PROGRAMMING

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	None

This first course in computer science offers a gentle introduction to programming using Alice, Python, and Java. Students program virtual worlds, manipulate digital photographs, and implement 2D games while learning the fundamentals of computer programming. No previous experience is required.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | None

COMPUTER SCIENCE (ADVANCED PLACEMENT)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Yes

*See “Requirements for Taking Honors and Advanced Placement Courses” at the beginning of this Catalog.

This course explores object-oriented methodology using the programming language Java. Emphasis is placed on problem solving and algorithm development. Equivalent to a first-semester college course in computer science, the course covers basic data structures, design, and abstraction. Course content is a superset of the College Board course requirements and prepares students for the AP Computer Science A Exam.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Completion of Intro to CS, and Approval of course teacher

DATA STRUCTURES (POST-AP)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	Two Semesters	Yes

As we design programs we seek solutions which are not only correct but which scale effectively to handle very large data sets. Searching social media, finding the shortest path in a graph, recognizing images or speech, designing an AI strategy for a game; these tasks require careful choice of data structure and algorithm. The Advanced Placement course introduced object-oriented programming as well as basic algorithms and the Java array/ArrayList data structures. This course examines linear structures, priority queues, tree structures, hash tables, maps, and graphs. Students will continue their study of Java as they implement and make use of advanced Java data structures in group projects throughout the year.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: This is a post-AP course, following completion of Computer Science (AP)

PHYSICAL EDUCATION / HEALTH

Jesuit High School's Physical Education and Health Department encourages the student's knowledge and implementation of a healthy lifestyle. The program provides each student an opportunity to participate in a wide range of activities (classroom/gym) and to learn necessary skills, strategies, and other information pertinent to health and physical education. All students must complete Physical Education I freshman year. As sophomores, students take Health. Students who transfer to Jesuit with one semester of Health and one semester of PE must register for another semester of each.

PHYSICAL EDUCATION I

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th Grade (and transfer students)	Two Semesters	None
Physical Education I is designed to allow each individual to pursue and maintain a high level of physical fitness and maximum performance within the scope of an individual's physical limitations. The curriculum will include team sports, individual activities, lifetime sports, and hands only CPR.		
This course fulfills the 9th Grade requirement for PE/Health		
<i>Course and Grade Prerequisites:</i>	None	

HEALTH

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th Grade	Two Semesters	None
Health is an overview and analysis of those topics which are of major importance to each student at this stage of development. The course includes a holistic approach to the individual's well-being and assists students in identifying those lifestyle choices and behaviors that will have a positive influence on all aspects of their mental, physical, social, and spiritual health. First semester studies personal health and fitness (media influences, relationships & cultural trends), mental and social health and body systems. Second semester explores illness and disease, first aid & CPR, nutrition, drugs and society and sexuality.		
This course fulfills the 10th Grade requirement for PE/Health		
<i>Course and Grade Prerequisites:</i>	None	

RECREATIONAL SPORTS

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	None
*This course is for students who have excelled in effort, attitude and participation in Physical Education I		
Recreational Sports is for students who enjoy and desire additional physical activity. A mature, sportsmanlike attitude is essential. A variety of activities will be offered, including team sports, individual activities, and life-oriented leisure activities. The purpose of the course is to provide recreation; fun, healthy competition with one's peers; and an avenue for maintaining a minimum level of fitness.		
This course fulfills the Elective graduation requirement		
<i>Course and Grade Prerequisites:</i>	Completion of Physical Education I	

POWER TRAINING

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	None
*This course is for students who have excelled in effort, attitude and participation in Physical Education I		
Power Training is specifically designed for those students who wish to maximize their physical potential in the areas of strength, speed, agility, and power. Although the majority of the students are competing athletes, <u>many are not</u> . This course meets at the same time as Fitness for Life.		
This course fulfills the Elective graduation requirement		
<i>Course and Grade Prerequisites:</i>	Completion of Physical Education I	

FITNESS FOR LIFE

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	None

*This course is for students who have excelled in effort, attitude and participation in Physical Education I. Fitness for Life is designed for those students interested in improving and maintaining their overall fitness in a non-competitive environment through weight-training for strength and/or endurance. This course meets at the same time as Power Training.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Completion of Physical Education I

CARDIO AND FITNESS

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	None

*This course is for students who have excelled in effort, attitude and participation in Physical Education I. Cardio Fitness is designed for those students interested in improving and maintaining their general fitness level through activities such as weight-training, step aerobics, Zumba, Pilates, circuit training, jump rope, team games, and other cardiovascular activities.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Completion of Physical Education I

ATHLETIC TRAINER PROGRAM

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	Yes

*This course will be conducted after school for the duration of one sports season.

Students will receive credit (Pass/Fail) for one semester. Enrollment will be limited; placement in the course will be determined by the Department Chair and the Athletic Trainer. The course will include instruction in the basics of athletic taping, injury diagnosis, treatment, and practical application in the Training Room and playing arena. Assistance at some sporting events is required.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: Completion of Health, and Approval of Athletic Trainer

ANATOMY AND PHYSIOLOGY (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

The goal of this course is to provide students with an in-depth study of topics in the fields of anatomy and physiology, kinesiology, body systems, diseases, and nutrition. A substantial component of this course will consist of student observation time of professionals in health careers, as well as bringing professionals in from the community to discuss their careers and current topics in health. Students will have the opportunity to explore and study their individual areas of interest in the Health Sciences, through classroom lecture, guest speakers, research, and presentations.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: 'B' in current science course, Recommendation of current science teacher, and Application required

SCIENCE

The Science Department offers courses of study designed to familiarize students with current methods, concepts, and achievements in science. Science is presented as a dynamic process of inquiry, hypothesis, problem-solving, and critical analysis. In presenting its curriculum, the department seeks to achieve the following goals: 1) To develop the students' ability to reason analytically and quantitatively; 2) To involve students in the scientific mode of inquiry: a cycle of reflection, hypothesis, prediction, trial and evaluation; 3) to acquaint students with the fascinating study of the physical and biological world; 4) to promote and assist students' discovery and pursuit of individual scientific interests.

PHYSICS

Open to:	Course Length:	Teacher Approval?
10th Grade	Two Semesters	None

Physics is the study of the fundamental laws of nature and the search to understand the interactions between matter and energy. This course will examine concepts of mechanics, properties of matter, heat, waves (including sound and light) and electricity and magnetism through the use of demonstrations, computer simulations, laboratory activities and lectures. Although physics is not a rigorously mathematical course, students are expected to have a working knowledge of the fundamental principles of algebra.

This course fulfills the 10th Grade requirement for Science

Course and Grade Prerequisites: | None

PHYSICS (HONORS)

Open to:	Course Length:	Teacher Approval?
10th Grade, Qualified 9th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Physics is the study of the fundamental laws of nature and the search to understand the interactions between matter and energy. This course will examine concepts of mechanics, properties of matter, heat, waves (including sound and light) and electricity and magnetism through the use of demonstrations, computer simulations, laboratory activities and lectures. Physics (H) is taught with a greater emphasis on the use of mathematics in describing the laws of nature; therefore, students are expected to have a firm understanding of the applied principles of algebraic manipulation, to have familiarity with trigonometry and to be highly motivated learners. Students seeking further clarification of prerequisite knowledge should consult a physics teacher.

This course fulfills the appropriate year's requirement for Science

Course and Grade Prerequisites: | Current enrollment in Geometry (H) or higher, and Recommendation of current math teacher. For incoming freshmen, candidates must take the Algebra Challenge Exam and be placed in Geometry (H) or higher.

CHEMISTRY IN SOCIETY

Open to:	Course Length:	Teacher Approval?
11th Grade	Two Semesters	Yes

Chemistry in Society is for high school students taking their first chemistry course. This course aims to develop chemistry-literate and science-literate citizens by focusing on chemistry for life and citizenship. Each unit is centered on a chemistry-related societal issue or challenge, which provides a "need-to-know" for learning chemical principles. Laboratory, skill building, modeling, and decision-making activities are integrated into the text as students' progress toward a culminating project and/or exam that addresses the unit's societal issue or challenge and the related chemical concepts. The curriculum for this course is designed by the American Chemical Society with the following 3 goals in mind: 1) Make interaction with phenomena central; 2) Emphasize scientific inquiry and; 3) Enhance student construction of an understanding of chemical principals.

This course fulfills the appropriate year's requirement for Science

Course and Grade Prerequisites: | Recommendation of current science teacher

CHEMISTRY

Open to:	Course Length:	Teacher Approval?
10th, 11th Grade	Two Semesters	Yes

This course provides a fundamental foundation in the study of matter and the changes matter undergoes. Students will investigate the different classes of chemical reactions, atomic theory, chemical bonding, the driving forces behind chemical reactions, properties of gases and an introduction to organic chemistry. Learning will take place through lecture, problem-solving and laboratory activities.

This course fulfills the appropriate year's requirement for Science

Course and Grade Prerequisites: Completion of Physics or Physics (H)

CHEMISTRY (HONORS)

Open to:	Course Length:	Teacher Approval?
10th, 11th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course provides a firm foundation in the concepts of chemistry. Topics of both inorganic and organic chemistry are explored. Students learn through computer simulation, lecture/discussion, problem solving and laboratory activities. Students should have a strong interest in the sciences and be proficient in algebra.

This course fulfills the appropriate year's requirement for Science

Course and Grade Prerequisites: 'A' in Physics or 'B+' in Physics (H)

CHEMISTRY (ADVANCED PLACEMENT)

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course is rapidly-paced, with rigorous treatment of primarily inorganic chemistry, with some aspects of organic chemistry added for emphasis. Students engage in problem-solving and laboratory activities. This course is intended for students considering a career in the sciences and who have a strong proficiency in algebra. This course follows the College Board standards to prepare students for the AP Chemistry Exam in May.

This course fulfills the appropriate year's requirement for Science, or may be taken as an elective

Course and Grade Prerequisites: 'A' in Physics (H), and 'B+' in Chemistry (H)

BIOLOGY I

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	Two Semesters	None

Biology is the study of living things as individuals and as part of an interwoven system of relationships. Topics include ecology, cell structure and function, genetics, evolution, and the diversity of living things. Laboratories, projects, readings and lectures will be used to master this material

This course fulfills the appropriate year's requirement for Science

Course and Grade Prerequisites: Completion of any Chemistry course

BIOLOGY I (HONORS)

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This Honors course is the 1st in a series of 2 classes that exhibits in-depth coverage of biological topics. Students spend more time in lab. Students are required to express their understanding in both written and oral forms as well as to be reflective about their thinking processes. Students must be able to take responsibility for their own learning. This course required investigative laboratories and formal lab reports.

This course fulfills the appropriate year's requirement for Science

Course and Grade Prerequisites: 'A' in Chemistry or 'B+' in Chemistry (H), or 'B' in Chemistry (H) with teacher's recommendation.

ADVANCED BIOLOGY (POST-AP)

Open to:	Course Length:	Teacher Approval?
12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Advanced Biology is a continuation of Biology I (H), including evolution, vertebrate anatomy and physiology, and molecular biology. Students are required to express understanding in both written and oral forms, as well as to be reflective about their thinking processes. Students must be able to take responsibility for their own learning. Requires student directed, inquiry based projects. Students may choose to sit for the AP Biology II exam at the conclusion of this course.

This course fulfills the appropriate year's requirement for Science, or may be taken as an elective

Course and Grade Prerequisites: | 'A' in Chemistry or 'B+' in Chemistry (H) or (AP), and 'B+' in Biology I (H)

PHYSICS, ELECTRICITY AND MAGNETISM (ADVANCED PLACEMENT) (OFFERED 2018-19)

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course will provide students a solid foundation in each of the following five content areas: electrostatics; conductors; capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. This course follows the College Board standards to prepare students for the AP Physics C (Electricity and Magnetism) Exam in May.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | 'B-' in Calculus AB (AP)

PHYSICS, MECHANICS (ADVANCED PLACEMENT) (OFFERED 2019-20)

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course covers Newtonian Mechanics in depth, with a strong theoretical emphasis that includes frequent use of vectors and differential and integral calculus. An in-depth lab component reinforces and extends theoretical concepts learned in class. This course follows the College Board standards to prepare students for the AP Physics C (Mechanics) Exam in May.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | 'B-' in Calculus AB (AP)

ENVIRONMENTAL SCIENCE (HONORS)

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Honors Environmental Science engages students in hands-on science with a focus on Earth's systems, ecosystem dynamics, biological evolution and the impact of human activity on the Earth. Through group and individual projects, students will explore the complex relationship between humans and the Earth and the economic and ecological impact of those interactions. Students will also sharpen scientific skills and apply those skills to understand the intricate dynamics of Earth's natural processes and human influences. Students are required to be open to learning through inquiry, constructing and using models, argumentation from evidence, and engineering solutions with a focus on scientific practices.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | 'B' in current science course, and current or previous enrollment in Chemistry

THEOLOGY

The goal of the Theology program at Jesuit High School is to communicate to our students a clear understanding of the message of Jesus Christ as interpreted by the Roman Catholic tradition. We work to do this through engaging presentations that are sensitive to our students' various levels of maturity and faith development; that respond to their real religious needs and questions at this time in their lives; and that challenge them to be "people for others."

FAITH FORMATION

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	N/A for Freshmen Level

This course will orient the freshmen student to one of the most vital parts of the Profile of the Jesuit High School Graduate at Graduation: "Religious" (SH 1.2). The course will invite students to experience a wide range of religious expression while developing knowledge through study and spiritual practice. This course is grounded in encountering Christ through our community and learning. Specifically, this year long course will introduce the student to the study of Theology, the Catholic Mass, Stages of Faith, World Religions, Hebrew Scripture, Christian Scripture, the person of Jesus, Ethics, Sacraments and Ignatian Spirituality.

This course fulfills the 9th Grade requirement for Theology

Course and Grade Prerequisites: | None

HEBREW AND CHRISTIAN SCRIPTURE

Open to:	Course Length:	Teacher Approval?
10th Grade	Two Semesters	None

This full-year course will introduce the student to a survey of the Bible, focusing on major themes and people of the Hebrew and Christian Scriptures, with special emphasis given to Jesus' birth, ministry, passion, death, and resurrection. This course in Hebrew and Christian Scriptures will direct students to encounter the Bible from various perspectives: historical, cultural, theological, and personal. In doing so, the course will provide a basic understanding of practical, foundational uses of the Bible. It will encourage in students a reverent appreciation of Scripture as the source of the great heroic stories, wisdom, and revelation of the Judeo-Christian tradition. This course will also seek to develop an awareness of the integral connection and common messages of the two testaments. Finally, it will help students apply Scripture to their daily lives.

This course fulfills the 10th Grade requirement for Theology

Course and Grade Prerequisites: | None

PEACE AND JUSTICE

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	One Semester	Yes

*Unlike other Junior/Senior theology options, Peace and Justice is required for graduation.

This course is designed to help students consider the unjust as well as the life-giving aspects of modern culture and social structures in light of the student's service experience and Catholic social teachings. After an overview of scriptural and theological justice principles, students will be guided through an educational process of context, social analysis, theological reflection, and pastoral action. These tools will then be applied to such issues as poverty, discrimination, homelessness, just-war theory, pacifism, and other issues of human rights. Jesus Christ's call to reform the injustices of society in fulfillment of the Reign of God as expressed in scriptures and the social teachings of the Catholic Church will be the focus

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

Course and Grade Prerequisites: | Taken in conjunction with Service Learning

SERVICE LEARNING

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	Special—65 hour project	Yes

*Service Learning is part of the Christian Service program at Jesuit, and does not fulfill the Theology graduation requirements. It will be officially taken in the semester closest to the completion of the service project.

The Christian Service program is designed to teach students about social justice through relationships with people who are marginalized by wider society. Each student will volunteer a minimum of 65 hours working directly with people who have disabilities, are elderly, homeless, immigrants, youth at risk, or others. Work must be done outside of school hours. The service work is graded, along with a written journal reflection and a final paper. These components, together with individual guidance and a classroom orientation completed in the spring of Sophomore year, help students synthesize what they learned and apply these lessons to their lives. Students must complete Christian Service site hours, journal, and paper by the agreed-upon deadline in order to receive academic credit.

This course fulfills the requirement for Christian Service

<i>Course and Grade Prerequisites:</i>	Completion of two-week orientation (during English and Health classes in Semester II of Sophomore year); taken in conjunction with Peace and Justice	
--	--	--

COMPARATIVE RELIGIONS

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	None

Comparative Religions involves the study of major world religions, examining key beliefs, practices, festivals/rituals, and historical developments of Primal Religions, Judaism, Islam, Hinduism, and Buddhism. Catholic Christianity provides the starting point for the comparison of these religions.

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

<i>Course and Grade Prerequisites:</i>	None	
--	------	--

CHRISTIAN ETHICS (OFFERED IN 2018-19)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	None

This course examines the philosophical and theological ideas behind ethical behaviors in our world today. Taught from a Catholic perspective, this course will introduce students to the reasoning behind ethical action. Students will cover modern ethical issues in the areas of integrity, sexuality, the biomedical fields, business, and the global political arena. Students will be challenged to explore modern ethical issues in light of Christ's call as found in the Gospels.

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

<i>Course and Grade Prerequisites:</i>	None	
--	------	--

SACRAMENTS AND PRAYER (OFFERED IN 2018-19)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	None

Sacraments and Prayer is designed for students who wish to explore their lives as Christians and to explore the value of prayer. Students will participate in concrete methods and exercises of prayer and examine how Christians (especially Catholics) engage the sacraments to ritualize their experience of God. The focus of the course is to develop a relationship with God through prayer and reflection in the Ignatian tradition.

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

<i>Course and Grade Prerequisites:</i>	None	
--	------	--

CHRISTIAN RELATIONSHIPS (OFFERED IN 2018-19)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	None

Christian Relationships examines the many vocational opportunities and lifestyles open to students. A theological and personal examination of marriage, single life, and communal religious life will be presented. An examination of sexuality, dating, and interpersonal skills, such as effective communication and conflict resolution, will also be covered.

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

Course and Grade Prerequisites: | None

PROBLEMS OF FAITH (OFFERED 2019-20)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	None

This course tackles many of the basic existential problems adults struggle within their faith lives, especially regarding religious or spiritual faith: What is reality? Can I be sure about anything? What is faith and how do I know if I have it? Do I have faith experiences that are not religious or spiritual? Can I know if God exists? Does God communicate with the world and with me individually? Why is there evil and suffering in the world? What happens to me after I die? What are the essential beliefs of Catholic Christianity? Why do we find politics, rules, and even hypocrisy in organized religion? Do I have to belong to a religion to have religious faith?

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

Course and Grade Prerequisites: | None

CATHOLICISM AND CONTEMPORARY CULTURE (OFFERED 2019-20)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	None

This course seeks to understand the distinctiveness and importance of Catholicism amidst contemporary cultural tensions. Students will study and consider intelligent, reasoned theological principles as tools to address the realities of our contemporary culture, as they are portrayed in movies, music, and literature, and especially current events. Ultimately, the course seeks to define a Catholic identity within our contemporary culture, and articulate why that identity is an option people see as a choice worth living today.

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

Course and Grade Prerequisites: | None

PROPHETIC VOICES (OFFERED IN 2019-20)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	One Semester	None

Prophetic voices challenge people to transform the world by courageously embracing the Kingdom of God. This Junior/Senior semester elective deepens students' understanding of biblical, historical and current prophets as messengers of God. Prophetic voices called and continue to call people into God's Kingdom of justice on behalf of those who are marginalized in society. The prophets were and are deeply rooted in their faith and personal integrity, standing firm in the face of opposition on behalf of the status quo. This course also examines where in our modern world the prophetic voice is needed.

This course fulfills one semester of the four-semester 11th/12th Grade requirement for Theology

Course and Grade Prerequisites: | None

WORLD LANGUAGES

In a rapidly-globalizing world, there is a greater need for the understanding and comprehension of languages and cultures different than our own. The World Languages Department seeks to create students who are aware of the international world and open to new cultures and experiences. This is done through a variety of language courses and levels; we hope students can engage world languages in a manner both challenging and eye-opening. To complete the World Language requirement for graduation, students must complete two consecutive years *in the same language.*

Freshmen testing at high levels of proficiency may be placed in a higher level course, taking into consideration both performance on the Placement Exam and students' background in the language.

CHINESE I

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	None

Students will begin to study Chinese according to the national second language requirements set by ACTFL (American Council on the Teaching of Foreign Languages) specific to the novice low level for Mandarin Chinese. This course introduces students to the language and culture of the Chinese-speaking world, emphasizing oral and written proficiency, grammar, vocabulary, and global awareness. Students will begin to write characters by learning correct structure and stroke order. They will become acquainted with the sounds of the Mandarin language using the Pinyin system as a guide to pronunciation, including intonation. They will learn set phrases and greetings that are common to everyday Chinese and the simplest grammatical structures that are most similar to English. By the end of the course students will be able to initiate and respond to basic daily conversation prompts like greetings and simple questions.

This course fulfills one year of the two-year requirement for World Languages

Course and Grade Prerequisites: | None

CHINESE II

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

Building on Chinese I, students will continue the study of Chinese according to national second language requirements specific to the novice mid-level for Mandarin Chinese. Building on the foundation from level one, students will work on vocabulary building and learn more complex sentence patterns that are unique to the Chinese language. As a result they will be able to write and talk about a larger breadth of topics. Students will transition towards greater use and mastery of character writing and depend less on the Pinyin system.

This course fulfills one year of the two-year requirement for World Languages

Course and Grade Prerequisites: | Completion of Chinese I

CHINESE III (HONORS)

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

Building on Chinese II, students will continue the study of Chinese according to national second language requirements specific to the novice high level for Mandarin Chinese. Instruction will increasingly be given in Chinese. Level III students will continue to build vocabulary as we introduce basic authentic materials such as public signs, simple comics and short passages. They will be able to respond independently to these materials and express simple opinions in Chinese using correct sentence structure. We will explore a number of topics related to modern life and culture in China.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of Chinese II

CHINESE IV (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

Building on Chinese III, students will continue the study of Mandarin according to the national second language requirements specific to the intermediate level. Students will be able to express themselves creatively with the language and handle simple situations and transactions. We will begin to lay a foundation for the AP exam by using Chinese almost exclusively in the classroom and introducing more authentic materials to read and discuss. Level IV students will be able to relate a series of events or tell a simple story in Chinese both verbally and in written form. There will be discussion of current events as they relate to China. As at each level, we will continue to build vocabulary, expand the range of sentence patterns and improve pronunciation.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of Chinese III (H)

CHINESE V (ADVANCED PLACEMENT)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course is conducted entirely in Mandarin. Students will continue the study of Chinese according to national second language requirements specific to the intermediate level and above. We will utilize authentic materials to facilitate higher-level language expression, analysis and cross-cultural reflection through structured activities. Students approved for this course must have a strong work ethic and possess advanced proficiencies in Chinese language. This course covers and reviews various aspects of contemporary Chinese society including gender roles, environmental protection, population, and housing, travel and weather, holiday foods, culturally significant plants, sports and games, significant people, current economic affairs, Chinese folk beliefs, etc. This course follows the College Board standards to prepare students for the AP Chinese Language and Culture Exam in May.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of Chinese IV (H), and Approval of course teacher

FRENCH I

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	None

This course is for students new to French or who have taken middle school French but are not yet ready for French 2. In alliance with state and national standards, this course acquaints students with the language and culture of the French-speaking world, emphasizing oral and written proficiency, grammar, vocabulary, and global awareness. Using texts and interactive on-line resources, topics include geography, self, school, family, leisure activities, clothing, time, food and weather.

This course fulfills one year of the two-year requirement for World Languages

Course and Grade Prerequisites: | None

FRENCH II

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

This course reinforces the vocabulary, structures and cultural themes presented in French 1 and develops more complex structures necessary for continuing communication. This course includes a graphic novel and interactive on-line resources to develop global, cultural and historic themes with an emphasis on West Africa. Topics also include health, food, technology, daily routines, household tasks and the environment. Students communicate in past, present and future time frames. Other grammatical structures include reflexive verbs and object pronouns.

This course fulfills one year of the two-year requirement for World Languages

Course and Grade Prerequisites: | Completion of French I

FRENCH III

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

French 3 students: 1) develop oral and written communication skills through past, future and conditional narratives; 2) develop cultural and global awareness while being attentive to international perspectives; and 3) reinforce reading and listening comprehension skills through on-line resources, short stories, film, poetry, music lyrics and print media with a focus on French-speaking Europe. Topics include fairy tales, 20th century history, travel, education and interpersonal relationships.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of French II

FRENCH III (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

French III Honors covers the same material as French III, but in more depth, with more rigorous readings. The course is conducted almost entirely in French.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of French II, and Approval of course teacher

FRENCH IV (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Building on the skills learned in French III and based on state and national standards, this course aims to increase oral and written proficiency on topics related to families and communities, aesthetics, search for identity, culture, and global challenges. Reading and listening activities involve on-line resources, articles, films, short stories, poems, and other authentic materials. Students will continue to deepen their understanding of francophone cultures and history.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of French III (H), or Approval of course teacher

FRENCH V/VI (ADVANCED PLACEMENT)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course is conducted entirely in French. Students must be highly motivated and have advanced proficiencies in French grammar, speaking, reading, and writing skills. In alliance with state, national and Advanced Placement standards, students will participate in active discussions and writing assignments based on the six Advanced Placement French themes: identity, families and communities, science and technology, global challenges, contemporary life, and beauty and aesthetics. The course uses authentic print, audio and video materials. Students will deepen their knowledge of francophone cultures and contemporary global issues while reviewing grammatical concepts, increasing vocabulary, and improving interpretive, presentational and interpersonal communication. French VI students will do some independent study including more advanced reading and writing. This course follows the College Board standards to prepare students for the AP French Language and Culture Exam in May.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | 'B' in French IV (H)

SPANISH I

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	None

This course is for students new to Spanish or who have taken Spanish before but are not yet ready for Spanish 2. In alliance with state and national standards, this course acquaints students with the language and cultures of the Spanish-speaking world, emphasizing oral and written proficiency, grammar, vocabulary, and global awareness. Students utilize the online textbook and supplementary Web-based resources to practice/learn about relevant topics including geography, describing oneself and others, school/courses, family, leisure activities, travel, clothing, weather, and shopping

This course fulfills one year of the two-year requirement for World Languages

Course and Grade Prerequisites: | None

SPANISH II

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

This course reinforces the vocabulary, structures and cultural themes presented in Spanish I and develops more complex structures necessary for continuing communication, in alliance with state and national standards. This course includes short readings and interactive on-line resources to develop global and cultural themes. Topics also include health, food, daily routines and communication in past, present and simple future time frames

This course fulfills one year of the two-year requirement for World Languages

Course and Grade Prerequisites: | Completion of Spanish I

SPANISH III

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

In alliance with state and national standards, the purpose of Spanish 3 is threefold: 1) to develop oral and written communication skills through past, future and conditional narratives 2) to develop cultural and global awareness, while attentive to international perspectives and 3) to reinforce reading and listening comprehension skills through on-line resources, short stories, film, poetry, music lyrics and print media. Using texts and interactive on-line resources, topics include geography, family and home, environment, health and wellbeing, city life, and professions. Students also learn about history and culture of Mexico and Spain.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of Spanish II

SPANISH III (HONORS)

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

Spanish III Honors covers the same material as Spanish III, but in more depth, with more rigorous readings. The course is conducted almost entirely in Spanish.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: | Completion of Spanish II, and Approval of course teacher

SPANISH IV

Open to:	Course Length:	Teacher Approval?
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

This course is conducted in Spanish and is for the serious Spanish language learner. Students will develop higher levels of proficiencies that lead to mastery of Spanish communication using a variety of dynamic methods. The students will study advanced grammar applied to informal and presentational modes in speaking and writing composition. Using on-line as well as printed resources, the students will read short works from the Spanish-speaking world and study current events, contemporary literature, history, art, and the cultures of Spain and Latin America. Students will develop oral and written proficiency on topics related to families and communities, beauty and image, personal and public identities, immigration and global challenges.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: Completion of Spanish III or Spanish III (H)

SPANISH IV (HONORS)

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course is conducted entirely in Spanish. Spanish IV Honors covers the same material and uses the same immersion methods as Spanish IV, but in more depth, with more rigorous readings.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: Completion of Spanish III (H), or Approval of course teacher

SPANISH LANGUAGE AND CULTURE

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	Two Semesters	Yes

*This course offers dual credit with Portland State University, giving the opportunity to earn 12 college credits.

This course features a strong humanistic content and emphasizes communication and critical analysis. In this course students will continue to develop their linguistic skills (oral and written comprehension / production) in the context of Spanish and Latin American culture. At the end of this course, students will be able to discuss a variety of topics in Spanish, employing complex structures and a sophisticated vocabulary, as well as exhibiting a great familiarity with the cultural history of Spain and Latin America. They will also access a wide selection of material in Spanish (journals, short stories, films, etc.) which will allow them to continue to broaden their understanding of the Hispanic world. This course does not prepare students for the Advanced Placement exam in Spanish.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: Completion of Spanish IV or Spanish IV (H)

SPANISH V (ADVANCED PLACEMENT)

Open to:	Course Length:	Teacher Approval?
11th, 12th Grade	Two Semesters	Yes

*See "Requirements for Taking Honors and Advanced Placement Courses" at the beginning of this Catalog.

This course is conducted entirely in Spanish, and is specifically tailored for the highly motivated and advanced Spanish language learner. Students develop proficiencies in presentational and informal modes of communication, and are expected to speak Spanish in daily discussions and presentations using the three modes of communication (Interpersonal, Interpretive, and Presentational). The course not only develops communication of in-depth thoughts and ideas, but also provides access to new complex personal and global perspectives and knowledge through the Socratic Method of Inquiry. Students explore six themes; Beauty and Aesthetics, Contemporary Life, Families and Communities, Global Challenges, Personal and Public Identities and Science and Technology. This course follows the College Board standards to prepare students for the AP Spanish Language and Culture Exam in May.

This course fulfills one year of the two-year requirement for World Languages, or may be taken as an elective

Course and Grade Prerequisites: 'B+' in Spanish IV or 'B' in Spanish IV (H)

OTHER COURSES AND PROGRAMS

The following courses allow students to round out their education through work otherwise not readily available in the classroom.

FINANCIAL LITERACY

Open to:	Course Length:	Teacher Approval?
12th Grade	Special-Summer	None

This online course is taken over the summer, and must be completed by all seniors prior to graduation. The course does not count towards the 51 credits required for graduation, but will appear on the student's transcript as Pass/Fail. It is a self-paced course intended to give students an introduction to personal finance. Topics for study include: 'Foundations of Money,' 'College and Money,' 'FAFSA,' 'Loan Guidance,' 'Earning Money,' 'Credit and Protecting Your Money,' 'Spending and Borrowing,' 'Debt and Repayment,' and 'Future of Your Money.'

This course is required for graduation

Course and Grade Prerequisites: | None

FRESHMAN SEMINAR

Open to:	Course Length:	Teacher Approval?
9th Grade	Two Semesters	N/A for Freshmen Level

Freshman seminar participants master current, brain-based strategies for effective learning and test-taking throughout their years at Jesuit. Using leading-edge educational research, the class will focus on the most efficient ways to take notes, memorize material, manage time, minimize distractions, utilize technology and prepare for exams. Additionally, students in this class receive a high level of individualized mentoring and support as new students navigating a challenging, college-prep environment; teachers conference regularly with individual students and connect with a student's other teachers and parents at regular intervals. Students will also have class time to work on assignments and get individual tutoring. Finally, freshman seminar participants will gain insight about their own learning preferences and profiles, and think critically about character and habits as they pertain to becoming a successful student and a person for others.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | Approval from Academic Vice Principal

STUDENT GOVERNMENT

Open to:	Course Length:	Teacher Approval?
Students in elected offices	Two Semesters	Yes

Student Government is a practicum course in which elected or appointed student body and class officers meet to plan and implement student activities. Students learn the responsibilities of their own elected offices and work together as a cooperative group. Skills students will learn include goal-setting, communication, project-planning, and organization. Students may enroll in the course for a second and third year if re-elected or appointed.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | Election to class office

PHOTOGRAPHY

Open to:	Course Length:	Teacher Approval?
10th, 11th, 12th Grade	Two Semesters	Yes

This course offers an introduction to digital photography. We begin with the camera, learning about exposure and composition, and continue with post-production, Photoshop, and printing. Students act as the photojournalists for the school; every term students will be assigned to take photos at specific school events for inclusion in the newspaper, yearbook and other publications. Attendance at certain events outside of school hours is required.

This course fulfills the Elective graduation requirement

Course and Grade Prerequisites: | None (Limited space, preference will be given to seniors)

DEPARTMENT, OFFICE, OR TEACHER AIDE

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
10th, 11th, 12th Grade	Two Semesters	Yes

Students may apply to be an aide as a seventh course only (i.e., they cannot take a prep period *and* this course). Options include Administrative Office, Athletics Department, Campus Ministry Department, Christian Service Department, Counseling Office, Diversity Office, Library, or a particular teacher. Workload and duties vary by position. Students receive a pass/fail grade.

This course fulfills the Elective graduation requirement

<i>Course and Grade Prerequisites:</i>	Approval from Academic Vice Principal, and permission of appropriate faculty or staff member
--	--

TUTORING AT EDISON HIGH SCHOOL

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
11th, 12th Grade	Two Semesters	Yes

Tutoring may be taken as a seventh course only. A student may earn elective credit by tutoring students at Edison High School. Students receive a pass/fail grade.

This course fulfills the Elective graduation requirement

<i>Course and Grade Prerequisites:</i>	Approval from Academic Vice Principal
--	---------------------------------------

COURSES AT EDISON HIGH SCHOOL

<i>Open to:</i>	<i>Course Length:</i>	<i>Teacher Approval?</i>
9th, 10th, 11th, 12th Grade	Two Semesters	Yes

Courses taken at Edison are chosen in conjunction with the student's parent(s), counselor, and administrators at Jesuit and Edison.

<i>Course and Grade Prerequisites:</i>	Approval from Academic Vice Principal
--	---------------------------------------