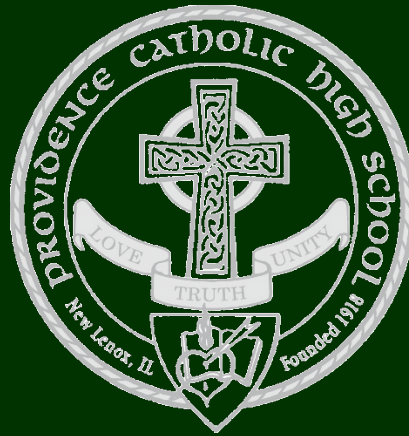


CURRICULUM GUIDE

2024-2025



Providence Catholic High School

1800 W Lincoln Hwy

New Lenox, IL 60451

www.providencecatholic.org

THE PROVIDENCE CATHOLIC HIGH SCHOOL COLLEGE PREPARATORY ACADEMIC PROGRAM

A Providence Catholic High School education is intended to provide each student with a four-year college preparatory program. A Providence education is a unified program of instruction which emphasizes a fundamental understanding of the basic skills and disciplines in the liberal arts. The Providence Catholic curriculum emphasizes excellence in theology, language arts, social science, mathematics, world languages, the sciences, the arts, computer science and applications, physical education, and business education. Providence Catholic graduates are expected to demonstrate mastery of many skills and disciplines.

GRADUATION REQUIREMENTS

The following courses constitute graduation requirements to prepare students for the most appropriate and successful college placement. In order to receive a diploma from Providence Catholic High School:

1. Each student must earn at least 22 credits to meet the academic requirement for graduation. Therefore, each year a student must take and pass courses worth at least 5 ½ credits except students taking freshman extension classes. If a student earns less than 5 ½ credits (5 credits freshman year) because of semester failures, these deficiencies must be made up in summer school to remain eligible to return to Providence Catholic for the next school year.
2. Each student must complete the following in order to graduate:
 - 4 years of Theology
 - 4 years of English
 - 3 years of Math
 - 3 years of Laboratory Science
 - 3 years of Social Science (U.S. History & American Government)
 - 2 years of World Languages (Same & Consecutive)*
 - 1 year of Physical Education or Band
 - ½ year of Health
 - ½ year of Economics
 - ½ year of Technology

*The remaining credits are electives to equal at least 5 ½ credits per year or 22 credits over a four-year program of study. A student may not have more than one study hall per semester. *The Principal may substitute designated courses from the Fine Arts or Computer Science & Applications Departments for the two-year foreign language requirement when needed. Each student will take at least a ½ credit of Theology per semester.*

3. Each student is required to pass an examination on the United States and Illinois Constitutions.
4. Each student must complete the Illinois Civics requirement.
5. Each student must complete an approved retreat all 4 years.
6. Students must complete A.C.T.S. hours per grade requirement in order to advance to the next grade/graduate.

- Each student, in order to participate in commencement exercises and/or receive a diploma, must satisfy penalties imposed for poor conduct, financial obligations, and attend all baccalaureate and graduation practices and/or services.

HONORS & ADVANCED PLACEMENT COURSES

Honors Courses

Providence Catholic welcomes the challenge of gifted academic students and provides them with honors courses to meet their needs. Honors courses are intended to challenge and promote independent logical thinking, good study skills and academic achievement. Students are invited to participate in honors courses based on the following criteria:

- Students must score in the 85th percentile or above in the particular academic subject area on the placement exam.
- The student's academic ability must be verified by his/her elementary or junior high school.
- Students enrolled in honors courses will be required to maintain a certain grade for each semester in order to take honors courses in a particular subject area the following year.
- Students in honors courses must demonstrate high motivation, quality work and excellent study habits.
- Students seeking admission into an honors course must have the approval of the chairperson of the academic department in which the course is taken. Selection criteria will include academic performance, motivation, study habits and attitude.
- Students who did not take honors courses as freshmen, but wish to take them after freshman year, must have an A in the subject matter for each semester of the previous year and also receive the recommendation of the department chairperson.
- Students not currently enrolled in an honors course but wish to take an honors course the following year, must achieve a certain grade each semester to qualify to move up to an honors course. The approval of the Department Chairperson may also be required.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Algebra 1 Honors Algebra 2 Honors Biology Honors English 1 Honors Geometry Honors French 2 Honors Spanish 2 Honors Spanish for Heritage Learners	Algebra 2 Honors Band Honors Chemistry Honors Geometry Honors English 2 Honors Spanish 2 Honors French 2 Honors Spanish 3 Honors Spanish for Heritage Learners	2-D Design & Drafting 3-D Design & Modeling Algebra 2 Honors Band Honors Chemistry Honors Choir Honors Engineering Concepts English 3 Honors French 3 Honors Physics Honors Spanish 3 Honors Spanish 4 Honors Spanish for Heritage Learners	2-D Design & Drafting 3-D Design & Modeling Band Honors Calculus Honors Choir Honors Engineering Concepts English 4 Honors French 4 Honors INCubatoredu Physics Honors Spanish 4 Honors Spanish for Heritage Learners

Advanced Placement Courses

Advanced Placement courses are available for students who are capable of sustaining the demands these courses impose. All students taking Advanced Placement courses are required to complete the Advanced Placement examination at the end of the school year. Failure to take the AP exam will result in the student's semester grade being lowered by 1 letter grade. Students must have school approval to take one or more AP courses. Providence Catholic reserves the right to add or delete Advanced Placement courses.

Sophomore Year	Junior Year	Senior Year
AP Computer Science Principles AP European History AP Precalculus AP US History	AP Biology AP Chemistry AP Computer Science AP Computer Science Principles AP English Language & Composition AP European History AP Music Theory AP Precalculus AP Statistics AP US Government	AP Art: 2-Dimensional Design AP Art: Drawing AP Biology AP Calculus AB AP Calculus BC AP Chemistry AP Computer Science AP English Literature & Composition AP European History AP French AP Microeconomics AP Music Theory AP Physics AP Precalculus AP Psychology AP Spanish AP Statistics AP US Government

ADDITIONAL ACADEMIC INFORMATION

Proficiency Exam

Incoming freshmen who have taken the equivalent of Algebra 1, French 1 or Spanish 1 in eighth grade may request a proficiency exam. Students who have Spanish as a home language may also request a proficiency exam. Students who demonstrate mastery of course content in any of these areas will be placed in the next level with the approval of the Department Chairperson. Credit for passing the exam will be indicated on the student's permanent record.

Celtic Learning Center

The Celtic Learning Center is designed to respond to the needs of students who have documented learning disabilities as determined by a neuropsychological evaluation administered by a psychologist. Students must meet all the requirements for acceptance to Providence Catholic High School and possess work habits and behavior that demonstrate the potential to succeed in a college preparatory high school.

Homework

Homework is an integral part of the college preparatory curriculum. Teachers assign home study and written work to reinforce and amplify material taught in class. Students are expected to do assigned

homework whether it is written work, material to be read, or material to study, when told to do so by the teacher. Parents should expect that homework will be the rule each day, not the exception.

Study Skills Courses within the College Preparatory Program

Providence Catholic High School believes all students can learn. We welcome and assist students who need additional preparation to master our college preparatory program.

Our Summer Study Skills Program is an essential part of the preparation for students who need help with basic skills. Incoming freshmen who score at or below the thirtieth percentile on the placement test are strongly encouraged to attend a three-week program which concentrates on improving study habits as well as skills in reading, literature, writing, and basic math. Summer classes feature small class sizes for more individualized attention. At the completion of this program, each student's placement is reviewed and adjusted accordingly.

For those students who would benefit from further study skills assistance, the following courses are offered to meet those needs.

Freshman Year

English Extension

Algebra Extension

Our goal is to bring students to a level of skill where they can successfully complete a college preparatory program.

GRADING SCALE & WEIGHTED GRADES

Below is the Providence Catholic grading scale. Honors and AP courses receive weighted grades beginning freshman year. Each academic year features three or more weighted courses. Grades in weighted courses receive more quality points than grades in non-weighted courses. Quality points affect grade point average. The student transcript, which is forwarded to colleges and universities, will indicate honors courses and AP courses.

Percentage Earned	Letter Grade Earned	Non-Weighted GPA Points	Honors Level GPA Points	AP Level GPA Points
97-100	A+	4.33	5.33	5.83
93-96	A	4.17	5.17	5.67
90-92	A-	4.0	5.0	5.50
87-89	B+	3.67	4.67	5.17
83-86	B	3.33	4.33	4.83
80-82	B-	3.0	4.0	4.50
77-79	C+	2.67	3.67	4.17
73-76	C	2.33	3.33	3.83
70-72	C-	2.0	3.0	3.50
67-69	D+	1.67	1.67	1.67
63-66	D	1.33	1.33	1.33
60-62	D-	1.00	1.00	1.00
59 or below	F	0.00	0.00	0.00

PROVIDENCE CATHOLIC TUTORING CENTER

The Providence Catholic High School Tutoring Center, located in the Bishop Blanchette Learning Commons, provides academic support and tutorial services to all students in all subject areas, while equipping them with the skills needed to be successful, independent, life-long learners. The Tutoring Center is staffed with both certified teachers and peer tutors, and is open to students during the school day and after school Monday – Thursday from 2:45 p.m. – 3:30 p.m.

The Tutoring Center is staffed by several teachers in a variety of content areas. After school, one or two teachers are available to assist students and they will follow up with content specialists to ensure the needs of the students are met.

The Tutoring Center is available for students to drop in with questions in any subject area at any level. Services include writing revisions, test preparation and concept review. When students drop in, they should come prepared with specific question/topic to discuss. No appointment is needed.

OUTSIDE READING PROGRAM

Providence Catholic High School offers a college preparatory curriculum to all students. It is our goal to enable Providence Catholic graduates to adjust gracefully to the academic demands of any college or university and to be successful students because of the preparation, understanding, knowledge, and experience they have acquired as students at Providence Catholic. Reading assignments outside of class are required by several academic departments. The responsibilities connected to completing these outside reading assignments require that students learn to budget their time, to read independently for meaning, content, and point of view, and to make themselves ready to engage a larger world through this experience. Many of the required outside reading books are listed on the Advanced Placement College Board List of reading recommended for college bound students and on other college reading lists. Students who read more are also likely to become better writers. Students who participate in outside reading are better prepared for college than those who do not. Outside reading encourages students to think critically, to work and think independently, and to become life-long learners and readers.

Outside reading assignments are chosen for their educational value. They may address challenging topics, important social justice issues, values issues, or other aspects of life which require thought and reflection. Some books are chosen because they are written by minority authors and show a different point of view on life or values. Some are considered current classics; others are enduring classics. Many books address specific literary themes and literary terms which are part of the educational process. Outside reading assignments are intended to provoke discussion and thought by the student. Many selections allow teachers to address difficult and challenging cultural, religious, and moral issues within the safe and value-oriented environment of Providence Catholic. Outside reading also promotes cross-curricular teaching and a more integrated and thorough approach to education.

Students are taught to understand how literary elements and techniques are used to convey meaning and purpose and to understand how a text reflects a culture, society, or historical period. Students should be able to read and interpret a variety of literary works and texts understanding their time, place, and circumstances. In doing so, they construct connections to relevant aspects of contemporary and historical human experience, enhancing a well-rounded holistic approach to education. Students should be able to evaluate issues in written works from varying historical periods and cultural perspectives.

The society in which our students and families live presents them with a constant barrage of messages, sets of choices, values, and situations which are not consistent with our Catholic values. We do not believe that ignorance of other points of view and knowledge about moral behavior different from our own standards is an advantage for our students; we wish to prepare them for morally challenging situations and circumstances and enable them to cope with people who have values much different addressing them directly, rather than by shielding students from them, so that we can better prepare students to respond to a secular world with the virtues of our faith, enlightened by a deep understanding of our values and morality. High school is the optimal time to teach our teenagers adult moral values and the coping skills necessary to face moral dilemmas and personal issues.

Following our mission, Providence Catholic attempts to fully integrate the core Augustinian values of Truth, Unity and Love into all dimensions of student life. To accomplish this, we teach students to evaluate reading texts within the context of the values of our school and our faith and their personal family values. Students are encouraged to learn about those who may or may not share our core values and are exposed, through reading assignments, to those who have different opinions and values than our own.

Occasionally outside reading may contain offensive language, sexual situations or language, or morally unacceptable activities. Reading assignments may present morally unacceptable choices not consistent

with our values. These elements, which are in conflict with our values, are not presented to undermine those values or to endorse these unacceptable behaviors. Rather, they are presented within the context of the book and the point of view of the author, so that students may think these issues through, guided by a competent and well-trained teacher, and come to an appropriate moral response. As responsible young adults, students are taught to cope with moral issues and to face a world which does not share our values and understandings while affirming a strong sense of our values and moral points of view. Outside reading assignments are carefully chosen by our faculty; substitutions will not be made.

Students are taught to understand, analyze, interpret, and make good decisions about points of view advocated in books and in society, while being helped to form their character as Catholic Christians facing adulthood. Controversial points should be evaluated within the context of our values and beliefs, so that differences between our values and those of other people may be explored, discussed, and evaluated, affirming our Catholic values and the teachings of the Catholic Church.

All outside reading assignments should be understood within their historical frame of reference, either in reference to the period they describe, or as a way of understanding the period during which the author wrote them. The context of the book should be examined and understood seeking its educational value, its historicity, the moral lessons presented, and the life lessons which can be learned.

THE “A CALL TO SERVE” (A.C.T.S.) PROGRAM

The “A Call To Serve Program” (A.C.T.S.) is another opportunity for our students to practice their faith. The primary focus of A.C.T.S. is to bring the message of Jesus Christ to life by providing an experience of Christian service in the everyday world. By virtue of our Baptism, we are not just passive members of Christ’s body; we are also called to serve. Because Providence Catholic takes community service so seriously, the following is a graduation requirement.

Freshmen are responsible for 10 hours of volunteer service and a reflection paper. The hours may be accomplished by service at their home, for their church, for Providence Catholic (up to 5 hours) or for any legitimate community charity (approved by Freshman A.C.T.S. Coordinator). Failure to complete either requirement will result in being locked out of the student portal and not advancing to the next grade until the requirement is completed.

Moderator: Ms. Mary Colbert, mcolbert@providencecatholic.org

Sophomores are responsible for 10 hours of volunteer service plus a reflection paper. The hours may be accomplished by service for Providence Catholic (up to 5 hours), for their church or for any legitimate community charity (approved in advance by the Sophomore A.C.T.S. Coordinator). Failure to complete either requirement will result in being locked out of the student portal and not advancing to the next grade until the requirement is completed.

Moderator: Mrs. Amy Potempa, apotempa@providencecatholic.org

Juniors are responsible for 15 hours of volunteer service plus a reflection paper. The hours may be accomplished by service for PCHS (up to 7 hours), for their church or for any legitimate community charity (approved in advance by the Junior A.C.T.S. Coordinator). Failure to complete either requirement will result in being locked out of the student portal and not advancing to the next grade until the requirement is completed.

Moderator: Mrs. Lara DeVries, ldevries@providencecatholic.org

Seniors are responsible for 25 hours of volunteer service plus a reflection paper. The hours may be accomplished by service for PCHS (up to 10 hours), for their church or for any legitimate community charity (approved in advance by the Senior A.C.T.S. Coordinator). Failure to complete either requirement

will result in failing the second semester Theology class. Diplomas and transcripts will be withheld until the requirement is completed.

Moderator: Mr. Kevin Oliver, koliver@providencecatholic.org

COMPUTER SCIENCE & APPLICATIONS DEPARTMENT

Chair: Mrs. Rosanne Grigoletti- rgrigoletti@providencecatholic.org

Department Philosophy

The Computer Science & Applications Department strives to equip students with knowledge, abilities and values that will enable them to live productively in an increasingly complex world. Through their experiences in the CSA classes, students will learn to use personal computers and devices effectively and intelligently. Through their coursework, they will strengthen creativity and problem-solving skills. CSA students will become proficient in the technology skills needed for success in their personal lives and all academic disciplines and careers.

The CSA Department offers courses in the following categories: personal productivity, digital marketing, and computer programming.

Dual Credit

In total, our courses create a robust college-level curriculum. Not only do we offer AP Computer Science options, but other CSA courses are eligible for dual credit through Moraine Valley Community College. There is an additional, nominal fee. Dual credit allows the student to earn college credit while simultaneously earning high school credit here at Providence Catholic. These credits can fulfill general education and career course requirements towards a college degree, no matter what field the student chooses to study.

If the student earns a grade of C or better, he/she will earn 3 hours of college credit per course, in addition to the high school credit. This college credit is accepted by Illinois public universities as well as others across the country. For more information, please visit our department page on the PCHS website.

Course Offerings

The Computer Science & Applications Department curriculum was developed using the Computer Science Teachers Association Standards.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Digital Marketing Intro to Technology Intro to Programming	AP Computer Science Principles AP Computer Science Digital Marketing Intro to Programming Robotics	AP Computer Science Principles AP Computer Science Digital Marketing Intro to Programming Robotics	AP Computer Science Principles AP Computer Science Digital Marketing Intro to Programming Robotics

Course Descriptions & Requirements

INTRODUCTION TO TECHNOLOGY (Grade: 9) REQUIRED

1 Semester; ½ Credit

Eligible for Dual Credit

This course will provide students with technology skills necessary for success in high school and the next level of study. Students will master skills for researching, problem-solving, and presentation. Most of the Introduction to Technology course curriculum is designed to develop the integrated productivity application skills required for the completion of personal and business projects using the Microsoft 365 Suite. Projects utilize fundamental techniques of word processing, spreadsheet and database

management, and presentation graphics software, as well as operating systems and file management skills. Accompanying the technical curricula are rich learning objectives reflective of professional fields such as marketing, advertising, engineering, and graphic design. Beyond their work in Office 365 applications, students will take on challenging activities and projects in programming, coding, augmented and virtual realities and software development.

ROBOTICS (Grade: 10, 11, 12)

1 Semester; ½ credit

Prerequisite: Successful completion of Introduction to Technology

Course Fee: \$100

In this course, students will be building robots from kits. They will be testing, wiring and programming them using components of robotics kits (nuts, bolts, batteries, and motors) and basic tools (wrenches, screwdrivers, drills). After the first build is complete, they will modify the robot for specific tasks; this iteration and redesign process continues throughout the semester. By the end of the course, students will have built and modified functioning robots that perform tasks according to detailed specifications. This is a project-based course with cross-curricular content in physical science, language arts, communication and more. Project management skills and engineering design thinking are heavily interwoven.

Students will primarily work in groups of three, rotating roles and duties so that they learn all aspects of robotics. Grades will be based on students' individual engineering notebooks as well as group work.

DIGITAL MARKETING (Grade: 9, 10, 11, 12)

1 Semester; ½ Credit

Prerequisite: Successful completion of Introduction to Technology

Course Fee: \$50

This dynamic semester-long class is designed for students who are ready to explore digital marketing and its global impact. Digital Marketing provides students with an understanding of the fundamentals needed to build a clear, cooperative, communication strategy for business by strategically aligning the essential elements of digital products. Throughout the class, students will dive into essential topics such as social media marketing, website development, digital content, and online advertising. Students will learn how to create and edit still images, video/animations, basic web sites, and social media content. As they do so, they will examine and evaluate the current use of multimedia with respect to marketing and advertising.

The course combines theoretical knowledge with hands-on projects, equipping students with practical skills to thrive in the digital landscape. By the end of the semester, students will have a solid foundation in digital marketing principles, empowering them to navigate and contribute to the evolving realm of online promotion. The course will be beneficial for students who want to enter a variety of fields: business, advertising, marketing, public relations, visual arts, and digital media and design. It is also a good precursor to the INCubator course, which students can take during their Senior year.

INTRODUCTION TO PROGRAMMING (Grade: 9, 10, 11, 12)

1 Semester; ½ Credit

Eligible for Dual Credit

Prerequisite: Successful completion of Introduction to Technology, and Algebra 1 with a minimum grade of C-

This course uses Java programming language to teach students introductory concepts common to all coding languages: algorithms, program design, data structures, conditions, looping, arrays, functions,

data input/output, and methods. Students will code small-scale programs as part of preparation for the AP Computer Science course. It is a great introductory coding course in which students can dig deeper into programming while improving their analytical and systematic thinking. These valuable problem-solving skills that can be applied to other academic disciplines. No prior programming experience is necessary.

AP COMPUTER SCIENCE A (Grade: 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Introduction to Computer Programming with a minimum grade of B, or consent of the Department Chairperson and instructor

AP Test Fee: \$100

This college-level course will prepare students for programming at the next level. Students will use Java to learn advance coding concepts such as object-oriented design, abstract classes, arrays, array lists, methods, advanced strings, inheritance, searching & sorting, algorithm design and program testing. Students will code large-scale interactive grid games; previous AP students have developed games like Tetris, Minesweeper, Connect Four, Worm, Centipede and original games. This class is highly recommended for students interested in studying computer science, engineering and related fields at the college level.

Exam: AP Computer Science students will take the 3-hour AP Computer Science A exam. This exam consists of two sections: a multiple-choice section (40 questions in 1 hour and 15 minutes), which tests proficiency in a wide variety of topics, and a free-response section (4 questions in 1 hour and 45 minutes), which requires the student to demonstrate the ability to solve problems involving more extended reasoning. Minor points of syntax are not tested on the exam. For both the multiple-choice and the free-response sections of the exams, an appendix containing a quick reference to both the case study and the classes in the AP Java subset will be provided.

AP COMPUTER SCIENCE PRINCIPLES (Grades 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Pre-Requisite: Successful completion of Introduction to Technology and Algebra 1

AP Test Fee: \$100

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Although programming is a part of this course, it is just one of the five *Big Ideas* this course covers:

- Creative Development
- Data
- Algorithms and Programming
- Computer Systems and Networks
- Impact of Computing

Students will learn to design and evaluate solutions and apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students also will learn how computing innovations and computing systems, including the internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Exam: The AP exam has two parts. The “Performance Task” is a programming assignment that is completed in class. The “Performance Task” requires students to write a program of their choice and

provide written answers to a series of questions about their program. The additional part of the AP exam is a traditional multiple-choice exam covering all the *Big Ideas*.

ENGLISH DEPARTMENT

Chair: Mrs. Mary Beth Harris- mharris@providencecatholic.org

Department Philosophy

The department teaches every student the correct and effective use of language, both oral and written. The department teaches literature with an emphasis on literary terms and analysis. The English program balances the study of literature with language by incorporating composition, vocabulary, listening and speaking skills to the curriculum.

Course Offerings

The English Department curriculum was developed using Common Core Standards.

Freshman Year	Sophomore Year	Junior Year	Senior Year
English 1 Academic English 1 Academic Extension English 1 English 1 Honors	English 2 English 2 Honors	AP English Lang & Comp English 3 English 3 Honors Speech Communication	AP English Lit & Comp English 4 English 4 Honors Speech Communication

Course Descriptions & Requirements

ENGLISH 1 ACADEMIC (Grade: 9)

2 Semesters; 1 Credit

IXL Subscription: \$11.50

English 1 Academic is a course that includes study skills, intensive grammar study, literary analysis, and multi-paragraph writing. Foundational skills will be emphasized in this course while scaffolding activities to move to higher-level analysis and writing. Study skills are reinforced with a focus on organization, note-taking, and annotation. Grammar concepts will be reviewed with direct instruction and reinforced through application in writing. In literature, students learn and apply literary terms to their study of novels, short stories, poetry, and drama. Students will also write multi-paragraph essays with defensible thesis statements and clear supporting evidence.

ENGLISH 1 ACADEMIC EXTENSION (Grade: 9)

2 Semesters; 0 Credit

Prerequisite: Placement based on HSPT scores and/or teacher recommendation

The English 1 Academic Extension Period offers support to select English 1 Academic students. Students will complete additional guided practices to complement the reading and writing skills taught in their English class. Students will use a variety of reading strategies to increase reading comprehension, especially as related to full-length novels and plays. Students will also focus on prewriting, drafting, and revision of the multi-paragraph essay, addressing grammar as needed within the context of writing. The English 1 Academic Extension Period is designed to give freshmen a strong foundation in reading and writing to prepare them for the rigors of the sophomore curriculum.

ENGLISH 1 (Grade: 9)

2 Semesters; 1 Credit

IXL Subscription: \$11.50

English 1 includes grammar study, literary analysis, and multi-paragraph writing. Grammar concepts will be reinforced through differentiated practice and application in writing. In literature, students will learn and apply literary terms to their study of novels, short stories, poetry, and drama. Strong emphasis is given to the five-paragraph essay, stressing defensible thesis statements and clear supporting evidence.

ENGLISH 1 HONORS (Grade: 9)

2 Semesters; 1 Credit; Weighted

Prerequisite: Placement based on HSPT scores, and/or teacher recommendation

IXL Subscription: \$11.50

English 1 Honors includes in-depth literary study and multi-paragraph writing. In literature, students will analyze novels, short stories, poetry, and drama with a focus on concepts such as the author's purpose, technique, and theme. Strong emphasis is given to the five-paragraph essay, stressing defensible thesis statements and clear supporting evidence. Selected outside readings of classical literature are also required. Students are expected to read, discuss, and interpret the readings with maturity and independence. Students in this course should be comfortable working independently and should have mastered grammar and fundamental writing skills in junior high.

ENGLISH 2 (Grade: 10)

2 Semesters; 1 Credit

IXL Subscription: \$11.50

In English 2, students will study grammar, composition, and literature. In grammar, students review the parts of speech, capitalization and punctuation, and usage. Techniques in composition are practiced using themes taken from literature, which include short stories, poetry, drama, and novel study. Students will complete at least one MLA research paper project focusing on research methods, thesis statement development, note-taking strategies, and correct MLA citations.

ENGLISH 2 HONORS (Grade: 10)

2 Semesters; 1 Credit; Weighted

Prerequisite: English 1 Honors with minimum semester grades of B, or English 1 with minimum semester grades of A, or consent of the Department Chairperson

IXL Subscription: \$11.50

In English 2 Honors, students will focus on literary analysis and expository writing. Techniques in composition are practiced, often using themes taken from literature. Students will read several novels independently, in addition to the required literature study of short stories, poetry, and drama. Students will complete at least one MLA research paper project focusing on research methods, thesis statement development, note-taking strategies, and correct MLA citations.

ENGLISH 3 (Grade: 11)

2 Semesters; 1 Credit

IXL Subscription: \$11.50; **Class Textbook Fee:** \$21

In this course, students study a diverse selection of American authors. This is a chronological historical approach, beginning with Native American myths and legends and ending with twenty-first-century authors. Students study literary terms, trends, and genres while making connections to the time period. Essay opportunities (definition, persuasion, and comparison/contrast) are generated either from literature books or novels. Each junior will write at least one research-based paper. Grammar and writing skills will be reviewed in preparation for the ACT.

ENGLISH 3 HONORS (Grade: 11)

2 Semesters; 1 Credit; Weighted

Prerequisite: English 2 Honors with minimum semester grades of B, or English 2 with minimum semester grades of A, or consent of the Department Chairperson

IXL Subscription: \$11.50; **Class Textbook Fee:** \$21

In this course, students study a diverse selection of American authors. This is a chronological historical approach, beginning with Native American myths and legends and ending with twenty-first-century authors. Literary terms, trends, and genres are discussed and analyzed. In addition, students will read several novels independently. Essay opportunities (definition, persuasion, comparison/contrast) are generated either from literature books or novels. Each junior will write at least one research-based paper. Grammar and writing skills will be reviewed in preparation for the ACT.

ENGLISH 4 (Grade: 12)

2 Semesters; 1 Credit

Class Textbook Fee: \$20

This course is a survey of British literature from the Anglo-Saxon period to the twentieth century. First, the background history of the time period is presented. The students are asked to use critical thinking to see how the literature studied reflects both the historical context in which it was written (political, social, and/or religious) and the author's life. Students also make connections between the literature and the present day. The writing curriculum continues; senior students write a cause-effect and a persuasion essay. They produce one research-based paper.

ENGLISH 4 HONORS (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: English 3 Honors with minimum semester grades of B, or English 3 with minimum semester grades of A, or consent of the Department Chairperson

Class Textbook Fee: \$20

This course is a survey of British literature from the Anglo-Saxon period to the twentieth century. First, the background history of the time period is presented. The students are asked to use critical thinking to see how the literature studied reflects both the historical context in which it was written (political, social, and/or religious) and the author's life. Students also make connections between the literature and the present day. Students write a cause-effect and a research-based persuasion essay. In addition, they write various in-class essays and read several full-length works independently.

SPEECH COMMUNICATION (Grade: 11, 12)

1 Semester; ½ Credit

Speech Communication is a two-way process. Effective speaking and listening skills involving critical thinking will be taught. Students will be expected to master the principles involved in selecting, organizing, outlining, introducing, developing and concluding a speech. They will also learn to use clear, effective language and develop the skills of poise, confidence and self-control. These goals will be accomplished through the preparation and presentation of various speaking opportunities in the classroom.

AP ENGLISH LANGUAGE & COMPOSITION (Grade:11)

2 Semesters; 1 Credit; Weighted

Prerequisite: English 2 Honors with minimum semester grades of B, or consent of the Department Chairperson

AP Test Fee: \$100; **IXL Subscription:** \$11.50

This course is reading intensive. Students study a diverse selection of American authors with a concentrated focus on nonfiction texts from many disciplines and historical periods. Students in AP English Language and Composition read closely and actively. Students will read widely and reflect on their reading through extensive discussion, writing, and rewriting. The works taught in the course require students to analyze, interpret, identify, and explain authors' use of rhetorical strategies, techniques, and elements of rhetoric.

AP Language and Composition is writing-intensive and research-intensive with a focus on synthesis, rhetorical analysis, and argumentation. This course enables students to read complex texts with understanding and write prose of sufficient richness and complexity to communicate effectively with mature readers. The emphasis is on content, purpose, and audience with a focus on the organization of students' writing. Students are offered additional instruction in argumentation and are taught the skills of synthesizing, summarizing, paraphrasing, quoting, and citing secondary source material. Students write in both informal and formal contexts to gain authority and learn to take risks in writing.

Exam: The AP English Language and Composition exam is 3 hours and 15 minutes in length and covers a full-year introductory college course. The exam contains one hour of multiple-choice questions and 2 hours and 15 minutes of free-response questions which includes a 15-minute reading period. The AP English Language and Composition Exam tests students' skills in analyzing prose passages and asks them to demonstrate their skills in composition by writing essays in various rhetorical modes. One of the three free-response questions requires students to synthesize information from a variety of sources to inform their own discussion of a topic. Students will be given a 15-minute reading period to accommodate the additional reading required for the question; the writing time for the free-response section remains two hours.

AP ENGLISH LITERATURE & COMPOSITION (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: English 3 Honors or AP Language & Composition with minimum semester grades of B, consent of the Department Chairperson

AP Test Fee: \$100

This course includes British literature from the Anglo-Saxon period to the twentieth century as well as other AP level selections. Students in AP English Literature and Composition read actively. The works taught in the course require careful, deliberate reading, and the approach to analyzing and interpreting the material involves students in learning how to make careful observations of textual detail, establish connections among their observations, and draw a series of inferences leading to an interpretive conclusion about a piece of writing's meaning and value. Knowledge of specific literary devices is also applied to literature analysis. Students use critical thinking to evaluate the literature using a variety of perspectives based on different approaches to literary criticism.

The course is writing-intensive with a focus on argumentation, analysis, and synthesis. Students write one research paper on a literary topic. Although critical analysis makes up the bulk of student writing for the course, well-constructed creative writing assignments may help students see from the inside how literature is written. Such experiences sharpen their understanding of what writers have accomplished and deepen their appreciation of literary artistry. The goal of both types of writing assignments is to increase students' ability to explain clearly, cogently, even elegantly, what they understand about literary works and why they interpret them as they do.

Exam: The AP English Literature exam is three hours in length and covers a full-year introductory college course. The exam contains one hour of multiple-choice questions and two hours of free-response questions. The exam tests students' skills in analyzing selected poems and prose passages and their ability to write critical or analytical essays based on poems, prose passages, novels, or plays.

FINE ARTS DEPARTMENT

Chair: Mrs. Rosanne Grigoletti- rgrigoletti@providencecatholic.org

Department Philosophy

People are evaluated by their ability to communicate their thoughts, ideas and feelings. The Fine Arts Department teaches students the fundamentals of self-expression and creativity. It provides an avenue for the development of the aesthetic potential of the student and a means of achieving emotional satisfaction and fulfillment in an artistic experience. Sensitivity to aesthetics illuminates an individual's environment, everyday life experiences, and innermost reflection on humane living.

Course Offerings

The Art Department curriculum was developed using the Illinois Learning Standards. The Band and Choir curriculum was developed using the National Music Standards (NAfME) & National Choir Standards.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Band Cadet Band Guitar 1 Beginning Choir Concert Choir Music Appreciation Drawing Intro to Art Painting Two-Dimensional Design	Band Band Honors Cadet Band Guitar 1 Beginning Choir Concert Choir Music Appreciation Drawing Intro to Art Painting Two-Dimensional Design	Band Band Honors Cadet Band Guitar 1 Beginning Choir Concert Choir Honors Choir AP Music Theory Music Appreciation Drawing Intro to Art Painting Studio Two-Dimensional Design	Band Band Honors Guitar 1 Beginning Choir Concert Choir Honors Choir AP Music Theory Music Appreciation AP 2-Dimensional Design AP Drawing Drawing Intro to Art Painting Studio Two-Dimensional Design

Course Descriptions & Requirements: Visual Arts

INTRODUCTION TO ART (Grade: 9, 10, 11, 12)

1 Semester; ½ Credit

Course Fee: \$85 plus cost of supply packet

This course offers a "hands-on" introduction to the visual arts for the beginning student. The course is based upon the fundamental elements of art. Basic techniques and materials in drawing, painting, color theory, and sculpture are presented. An appreciation of art is developed through the application of a variety of experiences. Artistic terminology is emphasized within the course. An array of artistic and movements in Art will be incorporated throughout the course.

TWO-DIMENSIONAL DESIGN (Grade: 9, 10, 11, 12)

1 Semester; ½ Credit

Prerequisite: Introduction to Art with a minimum grade of C-

Course Fee: \$85 plus cost of supply packet

This course is a creative “hands-on” approach to the study of two-dimensional design. Students will experience a variety of materials and techniques while being introduced to the areas of graphic design, interior design, architectural design, typography, calligraphy, and animation.

DRAWING (Grade: 9, 10, 11, 12)

1 Semester; ½ Credit

Prerequisite: Introduction to Art with a minimum grade of C-

Course Fee: \$85 plus cost of supply packet

This course introduces the student to several techniques and materials used in drawing. Perspective, still life, portraiture, and figure drawing will be incorporated. An emphasis on observation and composition will be made throughout the course. Materials to be used will include pen and ink, scratchboard, charcoal, pastel, craypa, colored pencil and graphite.

PAINTING (Grade: 9, 10, 11, 12)

1 Semester; ½ Credit

Prerequisite: Introduction to Art with a minimum grade of C-

Course Fee: \$85 plus cost of supply packet

This course introduces the student to the concepts and materials of painting. A variety of painting media will be explored in realistic, abstract, and non-objective paintings. Watercolor, tempera paints and acrylic paints will be used.

STUDIO (Grade: 11, 12)

2 Semesters; 1 Credit

Prerequisite: Successful completion of Introduction to Art, and at least two additional art courses with a minimum grade of C-, or consent of instructor

Course Fee: \$85 plus cost of supply packet

This course is an advanced art class that is designed to prepare students for AP Art & Design. The major objective of this course is to create a portfolio suitable for admission into a visual arts program. Students will work in a variety of media and techniques. Observational drawing will be strongly emphasized throughout the course. A minimum of 1 semester of drawing prior to taking this course is strongly recommended. Each student is required to create a portfolio of 10-15 pieces.

AP ART & DESIGN (Grade: 11, 12)

The AP Art & Design courses are designed for the highly motivated junior or senior interested in the serious study of art. To succeed in this course, the student must be willing to put in hours of work outside of the classroom. Students must prepare a portfolio and complete all requirements. In May, the portfolios are sent to be judged for Advanced Placement college credit. A summer assignment will be required.

The instructional goals of the AP Art & Design Program can be described as follows:

- Encourage creative investigation of formal and conceptual issues.
- Emphasize making art as an ongoing process that involves the student in informed and critical decision making.
- Help students develop technical skills and familiarize them with the functions of the visual elements.

- Encourage students to become independent thinkers who will contribute inventively and critically to their culture through the making of art.

Portfolio in lieu of exam: The portfolio is sent digitally to the College Board and is graded in lieu of an exam.

There are two AP Art & Design options for junior and senior students:

AP ART & DESIGN: DRAWING

2 Semesters; 1 Credit; Weighted

Prerequisite: Successful completion of Studio and consent of instructor after a review of student artwork

Course Fee: \$85 plus cost of supply packet; **AP Exam Fee:** \$100

AP ART & DESIGN: TWO-DIMENSIONAL DESIGN

2 Semesters; 1 Credit; Weighted

Prerequisite: Successful completion of 4 or more art courses, and consent of instructor after a review of student artwork

Course Fee: \$85 plus cost of supply packet; **AP Exam Fee:** \$100

Course Descriptions & Requirements: Performing Arts

CADET BAND (Grade: 9, 10, 11)

2 Semesters; 1 Credit

Course Fee: \$130

This course is designed for the musician who is new to high school band. The student studies the mechanics of the instrument, basic playing techniques, performance approach, and pedagogical skills. The course expands the musician's knowledge and execution of technical skills, intonation, tone quality, and ensemble performance. All levels of band begin with the Marching Band season in late July. When the school year begins in August, the Concert Band and Marching Band seasons run concurrently through the end of October until the Marching season concludes. Pep Band is also part of the requirements for all band members. Daily rehearsals include full band and sectional rehearsals during school and after school. All band members are required to participate in all band performances as well as attend the full band camp at the end of the summer.

BAND (Grade: 9, 10, 11, 12)

2 Semesters; 1 Credit

Prerequisite: Successful completion of Cadet Band, and consent of instructor

Course Fee: \$130

Band is designed for individual and group work for students who wish to pursue instrumental music throughout high school. The student studies the mechanics of the instrument, high school level playing techniques, performance approach, and pedagogical skills. The course expands the musician's knowledge and execution of technical skills, intonation, tone quality, and ensemble performance. All levels of band begin with the Marching Band season in late July. When the school year begins in August, the Concert Band and Marching Band seasons run concurrently through the end of October until the Marching season concludes. Pep Band is also part of the requirements for all band members. Daily rehearsals include full band and sectional rehearsals during school and after school. All band members are required to participate in all band performances as well as attend the full band camp at the end of the summer.

BAND HONORS (Grade: 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Successful completion of Band or Cadet Band, and consent of instructor

Course Fee: \$130

This course includes all requirements for Band. To be eligible for honors credit, students must fulfill certain criteria and be given express recommendation from the director to enroll in the class.

- Students must have completed a full year of Band or Cadet Band.
- Students are expected to serve as the instrumental music liaison for the program into the community. This entails performing at various community events such as holiday Masses, video recording, etc. Students can expect these types of opportunities to occur one or two times each semester.
- Students are required to prepare the Illinois Music Educators Association (ILMEA) All-District Audition material, perform the material for the director, and they also must take the ILMEA District 1 Audition at the host school in the fall. If students make it in to either All-District or All-State, they are required to participate in those prestigious festivals.
- Students are also required to participate in the IHSA Solo & Ensemble Contest in the spring. The student will prepare a "Solo" work for their primary band class instrument that should be accompanied by a pianist. Students are welcomed and encouraged to prepare an "Ensemble" work as well, but a Solo for their primary band instrument is required for Honors credit.

GUITAR 1 (Grade: 9, 10, 11, 12)

1 semester; 1/2 credit

Course Fee: \$60

Guitar 1 is for students at every ability level of guitar playing. Whether a student has never picked up a guitar or has been playing for years, this course is designed to teach students how to read music for guitar, follow chord progressions, improvise using the guitar, perform as part of an ensemble, and more. Students will also have an opportunity to create original music using music theory knowledge and guitar performance skills they have acquired during the course. No prior experience is needed. Each student needs to supply his/her own guitar.

SINGING CELTICS BEGINNING CHOIR (Grade: 9, 10, 11, 12)

2 Semesters; 1 Credit

Course Fee: \$55.00

This course is designed for students who cannot read music, and/or have little or no experience in choir. Students will learn how to read music notation at a Novice level. Work in solfege for sight-singing and vocal tonal skills (scales and chords) will begin. Introduction of good vocal health and vocal technique standards. Students will participate in Masses, Concerts and Competitions.

In accordance with the NAFME national standards, students will gain the ability to demonstrate the following skills:

- Attention to technical accuracy and expressive qualities in prepared and improvised performances of a varied repertoire of music representing diverse cultures and styles.
- An understanding of the context of the music through prepared and improvised performances.
- Use music reading skills where appropriate, learn how the setting and formal characteristics of musical works contribute to understanding the context of the music in prepared or improvised performances; learn how interests, knowledge, and skills relate to personal choices and intent when creating, performing and responding to music.

In addition, students will:

- Develop strategies to address technical challenges in a varied repertoire of music and evaluate their success using feedback from ensemble peers and other sources to refine performances.
- Identify and support interpretations of the expressive intent and meaning of musical works, citing as evidence the treatment of the elements of music, contexts and (when appropriate) the setting of the text.
- Learn to explain the influence of experiences, analysis, and context on interest in the evaluation of music.

SINGING CELTICS CONCERT CHOIR (Grade 9, 10, 11, 12)

1 Semester; ½ Credit or 2 Semesters; 1 Credit

Prerequisite: Successful completion of Beginning Choir, or Proficiency Exam

Course Fee: \$55.00

This course is designed for those students who have some experience in choir and who can read music. Students will continue their work in vocal production/technique skills; music theory, sight-singing and ear-training; and musical expression and performance skills. Through folk, popular, classical, Broadway, sacred and secular music, the student will apply these principles. All choir members are required to participate in all choir performances and Masses.

SINGING CELTICS HONORS CHOIR (Grade: 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Successful completion of a full-year of Concert Choir, and audition, and Proficiency Exam

Course Fee: \$55.00

Students wishing to pursue the Honors tract of the Singing Celtics Choir must have been enrolled in Concert Choir for a full year and passed the prerequisites. A more advance and serious training of Honor students will include advanced theory assignments and sight singing. Honors Choir students must audition for ILMEA District 1 Choir in October and participate in IHSA Solo and Ensemble competition in March, and Jazzy Spaghetti in May as well as Masses and concerts in which the Singing Celtics sing.

MUSIC APPRECIATION (Grade 9, 10, 11, 12)

1 Semester; ½ Credit

Students will be introduced to the basic elements of music including rhythm, harmony, melody, texture and form -- with musical illustrations from various styles, genres and eras. Topics covered may include: the elements of music, music from the Middle Ages, Renaissance Styles, Baroque Styles, Classical Era, the age of Romanticism, 20th Century Techniques, Jazz, Film Music and more. This course will make connections between music and society throughout the ages. This course will also introduce students to compositional technique (writing music) as well as technologies used to create their own music. No prerequisite or prior musical experience is necessary to enroll in this class.

AP MUSIC THEORY (Grade: 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Ability to read music at the high school level, and consent of instructor

AP Test Fee: \$100

This course is designed for the student who wants to complete studies at the secondary level that would be equivalent to the Introductory Music Theory course at the college level. The student will be introduced to basic chord structure, harmonic and rhythmic analysis, aural training, and composition. The student will be exposed to several styles of Western music.

The goal of this course is to develop the student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. These goals will be achieved by addressing fundamental aural, analytical and compositional skills using listening and written exercises. This course will include the harmonization of a melody while selecting appropriate chords, composition of a musical bass line to provide two-voice counterpoint, and the realization of figured-bass notation.

The AP Exam in Music Theory tests the student's understanding of musical structure and compositional procedures through recorded and notated examples. Strong emphasis is given to listening skills, particularly those involving recognition and comprehension of melodic and rhythmic patterns, harmonic functions, small forms, and compositional techniques. Most of the musical examples are taken from standard repertoire, although some examples of contemporary, jazz, vernacular music or music beyond the Western tradition are included for testing basic concepts. The exam assumes fluency in reading musical notation and a strong grounding in music fundamentals, terminology, and analysis.

Exam: The AP Music Theory Exam is 2 hours and 38 minutes in length and covers a full year introductory college course. The exam contains 1 hour and 20 minutes of multiple-choice questions and 1 hour and 18 minutes of free response questions and a sight singing performance. In the free-response section, students are asked to do two exercises each of melodic and harmonic dictation; two part-writing exercises (one from figured bass, one from Roman numerals); and a composition exercise entailing composing a bass line from a given melody. In the sight-singing component, students are asked to sing two diatonic melodies after a brief practice period. Students will receive sub-score grades for the aural (listening and sight-singing) and non-aural (written) portions of this exam in addition to the overall composite grade.

MATHEMATICS DEPARTMENT

Chair: Mrs. Jamie Walker- jawalker@providencecatholic.org

Department Philosophy

The Mathematics Department provides experiences and opportunities that will enable students to realize their mathematical potential. To this end, a varied curriculum promotes the mathematical growth of the student through the knowledge of computation, logical thinking, and problem solving. The result should be a student who will develop an attitude of enjoyment, challenge, and satisfaction toward mathematics.

Dual Credit

Dual Credit together, our courses create a robust college-level curriculum. Not only do we offer AP Calculus AB and BC, AP Pre-Calculus and AP Statistics courses, but Algebra 2 Honors and AP Calculus AB and BC are eligible for dual credit through Moraine Valley Community College for an additional, nominal fee. Dual credit allows the student to earn college credit while simultaneously earning high school credit here at Providence Catholic. These credits can fulfill general education and career course requirements towards your college degree, no matter what field you choose to study.

If the student earns a grade of C or better, he/she will earn 3 hours of college credit, in addition to the high school credit. This college credit is accepted by Illinois public universities as well as others across the country. For more information, please visit our department page on the PCHS website.

Math Department Calculator Policy

Students enrolled in mathematics courses are required to have a Texas Instrument Nspire calculator (TI-Nspire CX II or TI-Nspire CX) and download the accompanying software on their computer. Students are not allowed to play games on their calculator at any time during the school day. Using stored information for class work not specifically approved by the teacher will be considered cheating.

If a TI-Nspire calculator is to be used during quizzes or exams, the student must place the calculator in "press to test" mode. Once the students have completed the quiz/exam, students can use cables to take their calculator out of "press to test" mode with the help of a calculator not in that mode.

CAS models (TI-Nspire CX CAS or TI-Nspire CX II CAS) are not allowed for use in mathematics courses.

Course Offerings

The Mathematics Department curriculum was developed using Common Core Standards.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Algebra 1 Academic Algebra 1 Academic Extension Algebra 1 Algebra 1 Honors Algebra 2 Honors Geometry Honors	Algebra 2 Honors Geometry Geometry Honors	AP Statistics AP Precalculus Algebra 2 Algebra 2 Honors Precalculus	Advanced Topics/Trigonometry AP Calculus AB AP Calculus BC AP Precalculus AP Statistics Calculus Honors w/ Business Apps Precalculus Statistics

Course Descriptions & Requirements

ALGEBRA 1 ACADEMIC (Grade: 9)

2 semesters; 1 credit

This course offers fundamental algebra with an emphasis on the structure of the number system. Basic algebraic properties are introduced and used for the following topics: solving and graphing equations, inequalities, polynomial and rational expressions, linear equations, systems of equations, relations, and functions. Students are provided with additional instruction and guided practice with an emphasis on foundational skills.

ALGEBRA 1 ACADEMIC EXTENSION (Grade: 9)

2 semesters; 0 Credit

Prerequisite: Placement based on HSPT scores and/or teacher recommendation

The Algebra Extension offers support to select Algebra 1 Academic students. Students will have the opportunity to receive additional instruction, receive additional guided practice, and work in guided study groups to complement the mathematical skills taught in their Algebra 1 class. The Algebra Extension is designed to give students the proper interventions they need to be successful in their future math class.

ALGEBRA 1 (Grade: 9)

2 Semesters; 1 Credit

This course offers fundamental algebra with an emphasis on the structure of the number system. Basic algebraic properties are introduced and used for the following topics: solving and graphing equations, inequalities, polynomial and rational expressions, linear equations, systems of equations, relations and functions.

ALGEBRA 1 HONORS (Grade: 9)

2 Semesters; 1 Credit; Weighted

Prerequisite: Placement based on HSPT scores, or teacher recommendation, or proficiency exam

This course builds a solid foundation of algebra skills and concepts. Topics include solving equalities and inequalities, polynomials, rational expressions, linear equations, systems of equations, relations, functions and graphing of functions. Technology in the form of graphing calculators and computers is used when applicable.

GEOMETRY HONORS (Grade: 9, 10)

2 Semesters; 1 Credit; Weighted

Prerequisite: Algebra 1 Honors with minimum semester grades of B-, or Algebra 1 with minimum semester grades of A, or consent of Department Chairperson, or proficiency exam

Course Fee: \$10

This course is an in-depth study of geometry as a useful tool. Studies include: an introduction to geometry, basic concepts of geometry and proof, congruent triangles, lines in a plane, parallel lines and related figures, lines and planes in space, polygons, similarity, Pythagorean theorem, circles, areas, surface areas and volumes, coordinate geometry, locus and constructions, inequalities and enrichment topics. Higher level thinking skills will incorporate inductive and deductive reasoning.

GEOMETRY (Grade: 10)

2 Semesters; 1 Credit

Prerequisite: Successful completion of Algebra 1

This course introduces geometric concepts such as congruency, similarity, parallel and perpendicular lines, polygons, circles, right triangles, area, volume, and coordinate geometry. Inductive and deductive reasoning are emphasized through the use of two-column proofs.

ALGEBRA 2 (Grade: 10, 11)

2 Semesters; 1 Credit

Prerequisite: Successful completion of Algebra 1 and Geometry

This course reviews all of the topics of Algebra 1. Other course topics include complex numbers, quadratic functions, polynomial functions, matrix algebra, conic sections, exponential and logarithmic functions. Basic trigonometric topics are introduced.

ALGEBRA 2 HONORS (Grade: 9, 10, 11)

2 Semesters; 1 Credit; Weighted

Prerequisite: Algebra 1 Honors and Geometry Honors previously or concurrently with minimum semester grades of B-, or minimum grades of A in Algebra 1 and Geometry, or consent of Department Chairperson

This course quickly reviews all of the topics of Algebra 1. Other course topics include complex numbers, quadratic functions, polynomial functions, matrix algebra, conic sections, exponential and logarithmic functions. An introduction to trigonometry will follow with emphasis on trigonometric functions, graphs, identities and equations.

PRECALCULUS (Grade: 11, 12)

2 Semesters; 1 Credit

Prerequisite: Algebra 2 with minimum semester grades of B-

This course is designed to prepare students to study Calculus in college. Emphasis is given to all phases of trigonometry. Topics that are covered include: matrices, determinants, sequences and series, conic sections, roots of higher ordered polynomial equations and functions including curve sketching.

ADVANCED TOPICS/TRIGONOMETRY (Grade: 12)

2 Semesters; 1 Credit

Prerequisite: Successful completion of Algebra 2 and Geometry

This course is designed to strengthen concepts learned in Algebra 2, as well as introduce other advanced topics. Included are the following: trigonometric functions, graphs, identities, polynomials, exponential, rational and log functions, conic sections, sequence and series, and probability and statistics.

STATISTICS (Grade: 12)

2 Semesters; 1 Credit

Prerequisite: Algebra 2 with minimum semester grades of C-

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course provides material at a slower pace and less in-depth content than the AP course. Students are not required to sit for the AP exam, but may choose to do so with additional independent study.

Students are exposed to four broad conceptual themes:

- Exploring Data: Observing patterns and departures from patterns
- Planning a Study: Deciding what and how to measure
- Anticipating Patterns: Producing models using probability and simulation
- Statistical Inference: Confirming models

CALCULUS HONORS WITH BUSINESS APPLICATIONS (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Pre-Calculus Honors with minimum semester grades of B-, or Pre-Calculus with minimum semester grades of A, or consent of Department Chairperson

This course is designed for the student who desires a rigorous course in Calculus with business-focused applications without being required to take the Calculus AB Advanced Placement Examination. Topics studied are derivatives and their applications, techniques of differentiation, exponential and natural logarithmic functions and their applications, the definite integral, trigonometric functions, techniques of integration, differential equations, probability, Taylor polynomials, and infinite series.

AP CALCULUS AB (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Pre-Calculus Honors with minimum grade of B-, or consent of Department Chairperson

AP Test Fee: \$100

AP Calculus AB is designed for the student with a strong mathematics background. This course is equivalent to a first-year college calculus and analytic geometry course which includes topics on limits, derivatives, integrals, applications of elementary differentiation and integration, logarithmic and exponential functions.

In this class:

- Students will work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal. They will demonstrate understanding of the connections among these representations.
- Students will state the meaning of the derivative in terms of a rate of change and local linear approximation and will be able to use derivatives to solve a variety of problems.
- Students will demonstrate understanding of the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change and should be able to use integrals to solve a variety of problems.
- Students should understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus.
- Students will communicate mathematics and explain solutions to problems both verbally and in written sentences.
- Students will model a written description of a physical situation with a function, a differential equation, or an integral.
- Students will use technology to help solve problems, experiment, interpret results, and support conclusions.
- Students will determine the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement.
- Students will develop an appreciation of calculus as a coherent body of knowledge and as a human accomplishment.

Exam: The Calculus AB exam is a 3-hour-and-15-minute exam covering topics typically included in about two-thirds of a full-year college-level calculus sequence. The Calculus course requires a similar depth of understanding of common topics, and graphing-calculator use is an integral part of the courses. The exam contains 1 hour and 45 minutes of multiple-choice questions and 1 hour and 30

minutes of free-response questions. Both the multiple-choice and free-response sections contain parts in which a graphing calculator is required and sections in which calculator use is prohibited. Visit the AP Calculus section of www.collegeboard.com/apstudents for detailed information on the calculator policy and the most current list of AP-authorized calculators.

AP CALCULUS BC (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Pre-Calculus Honors with a minimum grade of B+, or consent of Department Chairperson

AP Test Fee: \$100

AP Calculus BC is designed for the student with a strong mathematics background. This course is a full year college course in the calculus of functions of a single variable. It includes all topics taught in Calculus AB plus additional topics including parametric, polar, and vector functions, polynomial approximations, series, and advanced integration techniques.

In this class:

- Students will work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal. They will demonstrate understanding of the connections among these representations.
- Students will state the meaning of the derivative in terms of a rate of change and local linear approximation and will be able to use derivatives to solve a variety of problems.
- Students will demonstrate understanding of the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change, and should be able to use integrals to solve a variety of problems.
- Students should understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus.
- Students will communicate mathematics and explain solutions to problems both verbally and in written sentences.
- Students will model a written description of a physical situation with a function, a differential equation, or an integral.
- Students will use technology to help solve problems, experiment, interpret results, and support conclusions.
- Students will determine the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement.
- Students will develop an appreciation of calculus as a coherent body of knowledge and as a human accomplishment.

Exam: The Calculus BC exam is a 3-hour-and-15-minute exam covering topics typically included in about two-thirds of a full-year college-level calculus sequence. The Calculus course requires a similar depth of understanding of common topics, and graphing-calculator use is an integral part of the courses. The exam contains 1 hour and 45 minutes of multiple-choice questions and 1 hour and 30 minutes of free-response questions. Both the multiple-choice and free-response sections contain parts in which a graphing calculator is required and sections in which calculator use is prohibited. Visit the AP Calculus section of www.collegeboard.com/apstudents for detailed information on the calculator policy and the most current list of AP-authorized calculators.

AP PRECALCULUS (Grade: 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Algebra 2 Honors with minimum semester grades of B-, or minimum semester grades of A in Algebra 2, or consent of Department Chairperson

AP Test Fee: \$100

AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices.

In this class:

- Students will expand their understanding of rational and polynomial functions, focusing on modeling and rates of change.
- Students will discuss behavior and relationships between logarithmic and exponential functions, including composing functions and finding inverses.
- Students will model scenarios with logarithmic functions and data sets with exponential functions.
- Students will explore and model periodic phenomena using trigonometric functions, inverse trigonometric functions, and trigonometric identities.
- Students will graph functions using polar coordinates, describing changes in radii and angles, and use vectors to interpret the impact of transformation matrices.
- Students will model and analyze conic sections, exploring how quantities change in parametric functions.
- Students will explore matrix operations, determinants, and use matrices to solve systems of equations through augmented matrices and matrix inverses.
- Students will learn and apply arithmetic, geometric sequences, binomial theorem, permutation, and combinations, and construct probability models.
- Students will develop skills to find the limit, derivative, and integral of a function.

Exam: A three-hour exam covering a one-semester introductory non-calculus-based college course. The exam contains 2 hours of multiple-choice questions and 1 hour of free-response questions. The free-response section requires students to answer four open-ended questions and complete an investigative task involving more extended reasoning. The exam covers polynomial and rational functions, exponential and logarithmic functions, and trigonometric and polar functions. Both the multiple-choice and free-response sections contain parts in which a graphing calculator is required and sections in which calculator use is prohibited.

AP STATISTICS (Grade: 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Algebra 2 Honors & Geometry Honors with minimum semester grades of B, or Algebra 1, Algebra 2, & Geometry with minimum semester grades of A, or consent of Department Chairperson

AP Test Fee: \$100

Advanced Placement Statistics is designed for students with a desire to apply their strong math skills and is equivalent to a first-year college statistics course. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. **Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns.** In examining distributions of data, students should be able to detect important characteristics, such as shape, location, variability, and unusual values. From careful observations of patterns in data, students can generate conjectures about relationships among variables. The notion of how one variable may be

associated with another permeates almost all of statistics, from simple comparisons of proportions through linear regression.

2. ***Data must be collected according to a well-developed plan if valid information is to be obtained.*** If data are to be collected to provide an answer to a question of interest, a careful plan must be developed. Both the type of analysis that is appropriate and the nature of conclusions that can be drawn from that analysis depend in a critical way on how the data was collected. Collecting data in a reasonable way, through either sampling or experimentation, is an essential step in the data analysis process.
3. ***Probability is the tool used for anticipating what the distribution of data should look like under a given model.*** Random phenomena are not haphazard: they display an order that emerges only in the long run and is described by a distribution. The mathematical description of variation is central to statistics. The probability required for statistical inference is not primarily axiomatic or combinatorial but is oriented toward using probability distributions to describe data.
4. ***Statistical inference guides the selection of appropriate models.*** Models and data interact in statistical work: models are used to draw conclusions from data, while the data are allowed to criticize and even falsify the model through inferential and diagnostic methods. Inference from data can be thought of as the process of selecting a reasonable model, including a statement in probability language, of how confident one can be about the selection.

Exam: A three-hour exam covering a one-semester introductory non-calculus-based college course. The exam contains 1 hour and 30 minutes of multiple-choice questions and 1 hour and 30 minutes of free-response questions. The free-response section requires students to answer five open-ended questions and complete an investigative task involving more extended reasoning. The exam covers exploring data; sampling and experimentation (planning and conducting a study); anticipating patterns (exploring random phenomena using probability and simulation); and statistical inference (estimating population parameters and testing hypotheses). Students are expected to bring a graphing calculator with statistical capabilities to the exam, and to be familiar with its use.

PHYSICAL EDUCATION DEPARTMENT

Chair: Mr. Keith Healy- khealy@providencethcatholic.org

Department Philosophy

Physical Education and Health provides an avenue for students to gain an understanding and appreciation of the importance of living and maintaining a healthy lifestyle. Positive health and wellness development will be achieved through teaching the values of exercise, good nutrition, proper rest and hygiene. Students will also develop important attributes such as Christian values, teamwork, sportsmanship and self-discipline through team sports, fitness and lifelong physical activities.

Course Offerings

The Physical Education curriculum was developed using the Illinois State Standards.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Physical Education 09 Health	Co-Ed Physical Education Strength Training	Co-Ed Physical Education Sports Medicine Sports Officiating Strength Training	Co-Ed Physical Education Sports Medicine Sports Officiating Strength Training

Course Descriptions & Requirements

PHYSICAL EDUCATION 09 (Grade: 9)

2 Semesters; 1 Credit

PE Lock Fee: \$22.00

This course provides the student with the fundamental skills of various team and individual sports. The course offers knowledge of rules and scoring in those sports.

HEALTH (Grade: 9)

1 Semester; ½ Credit

This course covers material on the mental, social, and physical aspects of health, with a focus on exercise and nutrition. Students will learn CPR. From a Catholic perspective, the student will also be presented with extensive material on alcohol, tobacco, drugs and communicable diseases.

The **VALUING VALUES PROGRAM** is an additional comprehensive sexuality component of the course. It expands on the content of basic sexual education in the context of values, relationships, and decision making in the Catholic tradition.

CO-ED PHYSICAL EDUCATION (Grade: 10, 11, 12)

2 Semesters; 1 Credit and/or 1 Semester; ½ Credit

Prerequisite: Successful completion of 9th Grade Physical Education

This course provides the student with advanced skills and strategies of various team and individual sports and activities. Fundamental skills and rules are also reviewed in each unit. This course may be taken for duplicate credit.

SPORTS OFFICIATING (Grade 11, 12)

1 semester ½ credit

Prerequisite: Successful completion of 9th Grade Physical Education

Students will learn the skills necessary to become a certified, IHSA official. Each semester will focus on sports available that season. The course will utilize IHSA rule books and develop assertiveness, self-confidence, and conflict resolution skills. Successful completion of this course will prepare students for the officiating certification in order to be eligible for officiating employment at community park districts, feeder schools, clubs, and with the IHSA. This course may be taken for duplicate credit if wanting to gain certification in additional sports.

SPORTS MEDICINE (Grade: 11, 12)

1 Semester; ½ Credit

Prerequisite: Minimum grade of B- in last science course

This course is appropriate for those students interested in Athletic Training, Physician's Assistant, Paramedic, Emergency Medical Technician, or another medical or paramedical field. Topics covered will include but not limited to anatomy, physiology, mechanisms of injury, evaluation, and rehabilitation of the athletic population. This is an elective (½ credit) physical education course that does not meet Providence Catholic High School's graduation requirement.

COURSE REQUIREMENT: One requirement of this course is to assist the Athletic Trainer with one practice a week and two home interscholastic athletic contests during the semester in which the course is taken. Athletes are advised against taking this course during the semester when their sport is in season.

STRENGTH TRAINING (Grade: 10, 11, 12)

1 Semester; ½ Credit

Prerequisite: Successful completion of Health & 9th Grade Physical Education

This course provides students with the basic knowledge in the area of strength training, conditioning, and general fitness. The students will also understand how to navigate around the weight room, along with the use of proper warm-up/cool down, and conditioning for personal fitness. They will establish short- and – long-term goals which will promote lifelong healthy lifestyles.

SCIENCE DEPARTMENT

Chair: Mr. Michael Stenoish- mstenoish@providencecatholic.org

Department Philosophy

The Science Department instills in each student an appreciation for science as a process to gain empirical truth about our universe. We build fundamental knowledge of foundational concepts concerning natural phenomena, while examining their cause and effect through discovery and questioning. Through collection of evidence in an discovery-based approach, students will gain scientific literacy through the integration of the scientific process of inquiry and valid suitable technology.

Course Offerings

The Science Department curriculum was developed using the Next Generation Science Standards.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Biology Honors Laboratory Physical Science	Anatomy & Physiology Biology Biology Honors Chemistry Chemistry Honors Laboratory Physical Science	2-D Design & Drafting 3-D Design & Modeling AP Biology AP Chemistry Anatomy & Physiology Chemistry Chemistry Honors Engineering Concepts Physics Physics Honors	2-D Design & Drafting 3-D Design & Modeling AP Biology AP Chemistry AP Physics Anatomy & Physiology Chemistry Chemistry Honors Engineering Concepts Physics Physics Honors

Course Descriptions & Requirements

LABORATORY PHYSICAL SCIENCE (Grade: 9, 10)

2 Semesters; 1 Credit

Lab Fee: \$110

Laboratory Physical Science is a year-long laboratory exploration course designed to introduce students to scientific processes through development of mastery in foundational skills and content from the fields of Physics and Chemistry. Content will be delivered through guided inquiry, group discussion, and direct instruction to develop the students' ability to develop, evaluate and revise scientific claims.

BIOLOGY HONORS (Grade: 9, 10)

2 semesters; 1 credit; Weighted

Prerequisite: Placement based on HSPT scores and/or teacher recommendation

Lab Fee: \$110

Biology Honors is an activity-driven, hands-on course aligned to NGSS standards and designed to prepare students for AP/College Level Biology. The Honors Biology curriculum is driven by Story lining, a student-centered learning method that increases students' ownership over the course and their

personal growth, that integrates the concepts of science within story lined units. This course is cyclical in nature, offers real-world phenomena, and revisits overarching concepts in different contexts throughout the entirety of the school year. Students will have multiple opportunities to transfer their critical thinking skills to new situations presented to them and become lifelong scientific learners.

BIOLOGY (Grade: 10)

2 semesters; 1 credit

Prerequisite: Successful completion of Laboratory Physical Science

Lab Fee: \$110

Biology is a standard driven and laboratory-based course aligned to the Next Generation Science Standards. This course follows a Story lining curriculum, which promotes students to interact with a phenomenon or solve biological problems throughout the course. Scientific practices and an inquiry-based methodology engage students in the study of life, including topics such as cellular structures and processes, ecosystem sciences and interactions, heredity, energy flow, cell division, foundational biochemistry, evolution and natural selection, and biodiversity. Biology will emphasize critical thinking, data interpretation and analysis, and writing skills through working both cooperatively and independently during classroom projects and labs.

ANATOMY AND PHYSIOLOGY (Grade: 10, 11, 12)

2 semesters; 1 credit

Prerequisite: Successful completion of Biology or Biology Honors

Lab Fee: \$110

Anatomy and Physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. The curriculum provides a basis to develop a strong conceptual foundation of the main body systems, how they work together to provide homeostasis, and how these systems function in the healthy and diseased state. Students will integrate this knowledge through hands-on, inquiry-based activities and laboratory investigations.

CHEMISTRY (Grade: 10, 11, 12)

2 Semesters; 1 Credit

Prerequisite: Successful completion of Laboratory Physical Science or Biology or Biology Honors

Lab Fee: \$110

Chemistry is a year-long laboratory course designed to engage the students in foundational concepts in chemistry and to prepare them for advanced study in science. The skills and content explored include: thermodynamics, the periodic table and periodic trends, inorganic nomenclature, writing and balancing equations, bonding, stoichiometric relationships and their applications, and acids and bases. Content will be delivered through guided inquiry, group discussion and direct instruction.

CHEMISTRY HONORS (Grades: 10, 11, 12)

2 semesters; 1 credit; Weighted

Prerequisite: Biology Honors with a minimum grade average of B, or Biology with a minimum grade average of A, or Department Approval

Lab Fee: \$110

Honors Chemistry is a college preparatory class that covers the introductory topics of Chemistry at a more advanced level and requires proficiency in reading and math. It is recommended for students

considering a career in science, healthcare, or engineering, and would also benefit students curious about science or environmental issues. This class will provide the skills needed for understanding science through analysis, critical thinking, and problem solving. Weekly lab activities to learn proper lab techniques and reinforce chemistry concepts through hands-on activities will be provided. Students will learn through guided inquiry, models, lab, lecture, cooperative learning, data collecting technology and computer simulations. This class will prepare students for the study of AP Chemistry. Topics studied include the elements, compounds, nomenclature, the periodic table, writing, classifying and balancing chemical reactions, stoichiometry, thermodynamics, atomic structure and periodicity, gas laws and acids/bases.

2-D DESIGN & DRAFTING (Grade 11, 12)

Fall semester; ½ credit; Weighted

Lab Fee: \$55

This course is designed to introduce high school students to the fundamental concepts and skills required for creating precise and detailed two-dimensional technical drawings and designs. In today's technological landscape, CAD plays a crucial role in various industries including architecture, engineering, manufacturing, and graphic design. This course provides students with a strong foundation in 2D CAD software and techniques, preparing them for future studies and potential careers in design-related fields. ***This course is an elective Science course and does not count towards the Laboratory Science Graduation requirement.***

3-D DESIGN AND MODELING

Spring semester; ½ credit; Weighted

Prerequisite: Successful completion of 2-D Design & Drafting, or Department Approval

Lab Fee: \$55

The Introduction to 3D Computer-Aided Design (CAD) course is designed to introduce high school students to three-dimensional digital modeling and design. This course builds on design skills introduced in 2D design to develop interest in applications such as engineering, architecture, product design, and animation. 3D Design and Modeling provides students essential skills and knowledge to create complex 3D models, fostering creativity and problem-solving abilities essential for future studies and careers in design and engineering. ***This course is an elective Science course and does not count towards the Laboratory Science Graduation requirement.***

ENGINEERING CONCEPTS (Grade 11, 12)

2 semesters; 1 credit; Weighted

Lab Fee: \$110

Engineering Concepts is an introductory high school course designed to spark students' interest in the field of engineering and provide them with a solid foundation in the fundamental principles of engineering. This course will explore various engineering disciplines, problem-solving techniques, and hands-on projects to encourage students to think critically, creatively, and collaboratively. Throughout the course, students will gain a deeper understanding of the role of engineering in shaping our world and addressing complex global challenges. Additionally, this course will provide students with an initial understanding of the Engineering Process and various disciplines within the Engineering workplace.

PHYSICS (Grade: 11, 12)

2 semesters; 1 credit

Prerequisite: Algebra 2 with a minimum grade of B-, or Department Approval

Lab Fee: \$110

This course provides the student with an understanding of the basic concepts of physics in areas such as kinematics, dynamics, energy, electrostatics, as well as an introduction to electrodynamics. The laboratory experiences are designed to be foundational inquiries to discover these basic concepts to be expanded upon through scientific discourse.

PHYSICS HONORS (Grade: 11, 12)

2 semesters; 1 credit; Weighted

Prerequisite: Algebra 2 with a minimum grade of A- or Department Approval

Lab Fee: \$110

This course provides a rigorous and in-depth inquiry into the basic concepts in physics. The laboratory experiences are designed to be foundational inquiries to discover these basic concepts to be expounded upon through scientific discourse. This course provides a solid foundation in physics for those students entering college in any area of science including a strong foundation to be built upon in AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism

AP BIOLOGY (Grade: 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Honors Chemistry or Honors Physics with a minimum grade average of A-, or Chemistry Or Physics with a minimum grade average of A-, or Department Approval

Lab Fee: \$110; **AP Exam Fee:** \$100

This course is equivalent to a first year, college-level Biology Course. The concepts included are:

1. The process of evolution drives the diversity and unity of life.
2. Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.
3. Living systems store, retrieve, transmit, and respond to information essential to life process.
4. Biological systems interact, and these systems and their interactions possess complex properties.

Emphasis is on Scientific Inquiry. Students are required to take the Biology Advanced Placement Examination.

Exam: The AP Biology Exam is a 3-hour exam covering a full-year introductory college course in biology with laboratory. The exam contains a 90-minute multiple choice section, including math computation and a 90-minute free response section. Both sections of the exam test students' understanding of ideas understandings, and essential knowledge and the enduring ways in which this understanding can be applied through science practice.

AP CHEMISTRY (Grade: 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Chemistry or Chemistry Honors with minimum grade of A-, or Department Approval

Lab Fee: \$110; **AP Test Fee:** \$100

AP Chemistry is a second-year chemistry course that will cover more advanced topics than those covered in the first-year chemistry course. The course is designed to enrich a student's knowledge of chemistry and should be considered by students desiring to major in science in college or considering a career in the medical field. The importance of the theoretical aspects of chemistry has brought about an increased emphasis on aspects of the content of general chemistry courses. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics are presented in considerable depth. Extensive lab experience will be included.

Exam: The AP Chemistry Exam assesses student understanding of the science practices and learning objectives outlined in the course framework. The exam is 3 hours and 15 minutes long and includes 60 multiple-choice questions and 7 free-response questions. Starting with the 2022–23 school year (spring 2023 exam), a scientific or graphing calculator is recommended for use on both sections of the exam. Students are provided with the periodic table and a formula sheet that lists specific and relevant formulas for use on the exam (see Appendixes).

AP PHYSICS C (Grade: 11, 12)

2 semesters; 1 credit; Weighted

Prerequisite: Honors Physics and Precalculus Honors with minimum grades of A-, or Physics with a minimum grade of A-, or Department Approval

Lab Fee: \$110; **AP Test Fee:** \$100

This course is the introductory course of a college sequence that serves as the foundation for students who wish to major in physics or engineering. It is taken either after or at the same time as AP Calculus BC course. Methods learned in calculus are used when creating principles of physics and applying those principles. There is a strong emphasis on solving challenging problems relating to physics with a large focus on calculus. The course will be broken up into two semesters, the first being the mechanics and the second being electricity and magnetism. This course will be treated very similarly to the college level course with strong emphasis on high level lab work. Students will be taking an AP exam for each semester for a total of two AP exams.

AP Physics C: Mechanics provides instructions in each of the following content areas: one dimensional motion, planar Motion, Newton's Laws, work/energy/power, impulse/momentum, rotation, angular momentum, gravitation, and simple harmonic motion.

AP Physics C: Electricity and Magnetism provides instructions in each of the following content areas: charge distribution, electric potential, capacitance, circuits, magnetic fields, induction, AC circuits, Maxwell's equations.

Exams: Each of the two Physics C exams are 1.5 hours in length. Students are required to take both exams and separate grades are reported for each. The time for each exam is divided equally between a 5-question multiple-choice section and a three-question free-response section. The two sections are weighted equally in the determination of each grade.

SOCIAL SCIENCE & BUSINESS DEPARTMENT

Chair: Mr. Joshua Ditzler- jditzler@providencecatholic.org

Department Philosophy

Social Science Philosophy

The Social Sciences teach a process of analytical thinking, a comparison of past events with current situations, and an investigation into human behavior. Social Science classes teach students to make decisions based on factual data and conceptual analysis. The department develops in students an appreciation for and an understanding of the major themes, events, and schools of thought within the context of each of the Social Science courses.

Business Philosophy

Through business courses, students are instructed in developing skills consistent with the outside business world and develop skills necessary for future careers.

Course Offerings

The Social Science & Business Department curriculum was developed using the Illinois State Standards.

Sophomore Year	Junior Year	Senior Year
AP European History AP US History Intro to Business US History Western Civilization	AP European History AP US Government American Government Economics Intro to Business Macroeconomics Western Civilization	AP European History AP Microeconomics AP Psychology Economics INCubatoredu Intro to Business Macroeconomics Psychology Western Civilization

Social Science Course Descriptions & Requirements

U.S. HISTORY (Grade: 10)

2 Semesters; 1 Credit

This course develops an understanding and appreciation of the major themes and events effecting the development of the United States. A chronological approach covers North American colonization to the present with special emphasis on the development of the American Government and the impact of major political, military and economic events. The course incorporates various projects and activities that require library research, group work, presentations, the use of primary sources and debates in order to develop student skills in these areas. The course will guide students to an understanding of American History and the major events that have impacted it.

WESTERN CIVILIZATION (Grade: 10, 11, 12)

2 Semesters; 1 Credit

This course is designed to acquaint students with the general concepts and events important to the development of Western European history and its unique civilization. Special emphasis is placed on intellectual history, early democratic ideas, the Renaissance, the foundations of modern industrialization and technology, and the "isms" (nationalism, imperialism, etc.). The effects of the Western European political, economic, and military ideas on the rest of the world are also explored. Skill development such as note-taking, outlining, memorization, analysis and synthesis are explored.

AMERICAN GOVERNMENT (Grade: 11, 12)

2 Semesters; 1 Credit

Prerequisite: U.S. History previously or concurrently

This course will familiarize students with the fundamentals and mechanics of American government, American political systems and institutions, and federal and state constitutions. Students will examine their rights and responsibilities as American citizens through the lens of contemporary public issues. American Government examines law (with emphasis on the US Constitution), and how law guides our government and affects our everyday life. It examines the Presidency, Congress, the Judiciary, criminal law, court case studies, foreign policy, National Defense, state and local government, and meets the ISBE requirements for Civics and service learning.

PSYCHOLOGY (Grade: 12)

2 Semesters; 1 Credit

The Psychology course is designed to introduce students to the systematic and scientific study of behavior and mental process of human beings. Students will be exposed to psychological facts and principles associated with each of the major sub fields of Psychology. They will also learn about ethics and methods psychologists use in their practice. The course incorporates small and large group discussions, group work and presentations to develop students' knowledge of the material.

AP U.S. HISTORY (Grade: 10)

2 Semesters; 1 Credit; Weighted

Prerequisite: English Honors with minimum semester grades of B, or English with minimum semester grades of A

AP Test Fee: \$100

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the topics and challenges in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

This course amplifies all topics covered in the standard U.S. History class, but at a far more accelerated rate comparable to that of a college course. There is increased emphasis on writing, reading, and research skills. Special attention is also given to the demands of the A.P. Exam, work on database

questions and multiple-choice items. The course goes from colonial times to the Reagan administration.

Exam: The AP U.S. History exam is a 3-hour and 15-minute exam covering a full-year introductory college course. The exam contains 55 minutes of multiple-choice questions, a 15-minute reading period, a 45-minute document-based question (DBQ), and three 40-minute essays and one long essay question. The exam covers political institutions and behavior; public policy; social and economic change; diplomacy and international relations; and cultural and intellectual developments.

AP U.S. GOVERNMENT & POLITICS (Grade: 11)

2 Semesters; 1 Credit; Weighted

Prerequisite: All Social Sciences courses minimum semester grade of B, and all English Honors with a minimum semester grade of B or all English courses with minimum semester grade of A., or approval of Department Chairperson

AP Test Fee: \$100

AP U.S. Government & Politics emphasizes an analytical perspective on government and politics in the United States. By interpreting United States politics and analyzing specific examples and issues, the course examines the institutions, groups, beliefs, and ideas that constitute American politics. The major content areas include the constitutional foundations of American Government; political beliefs and behaviors, political parties, interest groups and mass media; institutions of the national government: the executive, legislative and judicial branches; public policy; civil rights and civil liberties.

Exam: The 2-hour and 25-minute exam covers material from a one-semester introductory college course. The exam contains 45 minutes of multiple-choice questions and 1 hour and 40 minutes of free-response questions. The **AP United States Government and Politics** Exam covers constitutional underpinnings of U.S. government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government (the Congress, the presidency, the bureaucracy, and the federal courts); public policy; and civil rights and civil liberties.

AP EUROPEAN HISTORY (Grade: 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: All Social Sciences courses minimum semester grade of B, and all English Honors with a minimum semester grade of B or all English courses with minimum semester grade of A, or approval of Department Chairperson.

AP Test Fee: \$100

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop:

- An understanding of some of the principal themes in modern European history.
- An ability to analyze historical evidence and historical interpretation.
- An ability to express historical understanding in writing.

This course touches all the themes covered in the standard Western Civilization class but at a far more accelerated rate, a rate comparable to that of a college course. There is increased emphasis on writing and research skills, as well as more complex and extensive reading related to history and philosophy. A greater emphasis is placed on social economic and intellectual history in this course.

Exam: A 3-hour and 15-minute exam covering a full-year introductory college course. The exam contains 55 minutes of multiple-choice questions, a 15-minute reading period, a 45-minute document-based question (DBQ), and three 40-minute thematic essays and one long essay question. Questions on intellectual-culture, political-diplomatic, and social-economic history form the basis of every section of the exam.

AP PSYCHOLOGY (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: All previous AP Social Science classes with a minimum grade of B, or US History & Government with a minimum grade of A, or Consent of Department Chairperson

AP Test Fee: \$100

The Advanced Placement Psychology course is designed for those students who wish to complete studies in the secondary school that would be equivalent to an introductory Psychology course at the college level. The AP Psychology course is designed to introduce students to the Engineering Science and scientific study of behavior and mental processes of human beings. Students will be exposed to psychological facts and principles associated with each of the major sub fields of Psychology. They will also learn about ethics and methods psychologists use in their practice.

Exam: The Psychology exam is a two-hour exam covering a one-semester introductory college course. The exam contains 1 hour and 10 minutes of multiple-choice questions and 50 minutes of free-response questions. The exam covers history and approaches; research methods; biological bases of behavior; sensation and perception; states of consciousness; learning; cognition; motivation and emotion; developmental psychology; personality; testing and individual differences; abnormal psychology; treatment of psychological disorders; and social psychology.

Business Course Descriptions & Requirements

INTRODUCTION TO BUSINESS (Grade 10, 11, 12)

2 Semesters; 1 Credit

This course provides students with an opportunity to learn about the different aspects of the business world and introduces major areas of college study. Students will explore such topics as: entrepreneurship, basic marketing and accounting principles, human resources, management, and finance. Students will participate in various business world simulations including a stock simulator, business plan development, and creating a marketing campaign to promote a business plan.

ECONOMICS (Grade: 11, 12)

1 Semester ½ Credit

Students study the interaction of consumers and government in the American economic systems. Consumer activities, such as career choices, personal money management, and buying habits are studied in conjunction with their influence on our economy. Governmental influence is emphasized in the students' body of basic economic principles, such as supply and demand, business organization, and competition in this market.

MACROECONOMICS (Grade: 11, 12)

1 Semester; ½ Credit

Students learn the workings of the American economic system through a study of four distinct topics:

1. Supply & Demand	3. International Trade & Economic Systems
2. Bank, Money & The Federal Reserve	4. Problem Solving Various Economic Issues

INCubatoredu (Grade: 12)

2 Semesters; 1 Credit; Weighted

Course Fee: \$100

This honors-level, innovative class offers students and authentic collaborative entrepreneurship experience. Students have the opportunity to create and fully develop their own product or service. Entrepreneurs and business experts serve as volunteer coaches and mentors who guide the student teams through the Lean processes along with foundational business topics such as marketing and finance.

AP MICROECONOMICS (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Economics or Macroeconomics with a minimum semester grade of A

AP Test Fee: \$100

This year long course is equivalent to a one-semester college introductory course in Microeconomics. The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic systems. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

Exam: The AP Microeconomics Exam is a little over 2 hours long. The exam consists of a 70- minute multiple-choice section and a 60-minute free-response section. Some questions in the free response section require graphical analysis. The free-response section begins with a mandatory 10-minute reading period. During this period, students are advised to read each of the questions, sketch graphs, make notes and plan their answers. Students then have 50 minutes to write their answers. The multiple-choice section accounts for two-thirds of the student's exam score and the free-response section for the remaining one-third.

THEOLOGY DEPARTMENT

Chair: Fr. Rich Young- ryoung@providencecatholic.org

Department Philosophy

The Theology Department promotes the spiritual, intellectual, and emotional maturity of its students. Our theology curriculum strives to integrate growth in all three areas.

The Theology Department believes in the value of each person as a unique expression of God's love, created in the image and likeness of God (Gn 1:26). The human person is on a journey of self-discovery and, according to St. Augustine, the "search for self" coincides with the search for God. This search is not conducted in isolation. An individual encounters fellow seekers who form a community of faith.

Within a community of faith, students will develop an understanding of and an appreciation for Holy Scripture and the history and tradition of Catholic teaching. With this understanding, students will critically reflect on their life, society, and religion to discover and live out their personal call from God.

Course Offerings

Class of 2025

Freshman Year	Sophomore Year	Junior Year	Senior Year
A.C.T.S. Program Intro to Catholicism Old Testament	A.C.T.S. Program New Testament Christian Morality	A.C.T.S. Program Catholic Church History Catholic Social Teaching	A.C.T.S. Program Sacraments Augustine & the Restless Heart World Religions

Class of 2026 & Beyond

The Theology Department is introducing a new freshman level class and course sequence beginning with the Class of 2026. The new sequencing is outlined below:

Freshman Year	Sophomore Year	Junior Year	Senior Year
A.C.T.S. Program Foundations 1 & 2	A.C.T.S. Program Old Testament New Testament	A.C.T.S. Program Christian Morality Catholic Social Teaching	A.C.T.S. Program Church & Culture Augustine & the Restless Heart Senior Seminar

Course Descriptions & Requirements

CATHOLIC CHURCH HISTORY

Fall Semester; ½ Credit

This course traces the history of Catholic – Christianity from its origins to its evolution in modern society. Within the context of history, themes including the development of scripture, the evolution of sacraments, and the presence of the Church within global society will be explored. Students will learn about the important issues and people that have shaped the Church into what it is today. Specific

attention will be given to the early Church, the Catholic Reformation, and the Catholic Church in the 21st. century. The course will encourage students to apply what they have learned to current issues and contemporary times to help shape the Church of the future.

CATHOLIC SOCIAL TEACHING

Spring Semester; ½ Credit

Justice is at the core of the gospel message. The church challenges us to a hope that envisions justice and peace in the world. The faith of Christian men and women has always been energized by this hope and informed by the belief that all of us are created in the image and likeness of God, possessed of an unsurpassable dignity because of that, and entitled, therefore, to be treated with the full dignity which that requires. Students will learn these basic principles as they are expressed in scripture and papal teaching and apply them to a variety of modern issues in a spirit of compassion, forgiveness, freedom, openness, and courage, reflecting and changing their own societally influenced attitudes in the process.

CHRISTIAN MORALITY

Fall Semester; ½ Credit

This course gives the students practical assistance and experience in making intelligent, logical and compassionate moral decisions. It focuses on specific aspects, such as the basis of morality, developing moral convictions, the problem of moral dilemmas, formation of conscience and Catholic Christian moral principles.

CHURCH AND CULTURE

Fall Semester; ½ Credit

Class of 2026 & Beyond: May elect to take this class first semester of your senior year.

This elective course will explore from a thematic perspective and various dimensions of Church Tradition (people, prayer, polity, and culture). The course will help students to understand how the Tradition of the Church is both alive and relevant in the world today through an analysis of various aspects of what it means to be Catholic Christian. Major topics for this course will include interreligious dialogue and ecumenism, the relationship between the Church and the State, and the challenge of the Gospel in response to working for human and civil rights.

FOUNDATIONS OF CATHOLICISM I

Who We Are, What We Believe, How We Live

Fall Semester; ½ Credit

Class of 2026 & Beyond

This first half of the Foundations of Catholicism course seeks to deepen the students understanding of the way God reveals Himself through history, scripture, Jesus, and the Church, especially through the lens of Tradition. This will be done through Church documents as well as other pertinent documents/resources. The students will have the opportunity to explore their own understanding of God. They will also be presented with an introduction to contemporary scriptural scholarship which will provide them with insights into the Old and New Testaments. Students will be offered the context to help them recognize Jesus as someone they can relate to and be challenged by. Their own lives will also be used to engage them with the subject area as above as well as Christian Living.

Along with the above components, students will be engaged in study regarding Theology of the Body, and the life of St. Augustine. This first semester is a time for them to learn how to think theologically as well as begin to master the art of theological reflective writing.

FOUNDATIONS OF CATHOLICISM II

How We Pray – Encountering God Through the Liturgy and the Sacraments; How We Live the Liturgy and Sacraments In Our Daily Lives

Spring Semester; ½ Credit

Class of 2026 & Beyond

Building upon Foundations I, Foundations II moves the students to a greater understanding of the Liturgy and Sacraments, not just in their symbols and rituals, but also in how they are encounters with God and a way to embody and express each individual student's relationship with God as Trinity. Students will also explore aspects of spirituality and other prayer forms that are part of the Church's life and history. They will deepen their theological thinking and skills in theological reflective writing.

Students will also explore aspects of spirituality and other prayer forms that are part of the Church's life and history. They will deepen their theological thinking and skills in theological reflective writing.

NEW TESTAMENT

Spring Semester; ½ Credit

This course guides the students in a study of the content and development of the New Testament, in the message of the Gospels, the revelation of Jesus, and the experience of the early Christian community. Students will learn the historical background of the New Testament and how to use it as a primary source. Through reflection, students are encouraged to find the meaning of Jesus in their lives.

Students will continue to practice engaging with the Scriptures through hermeneutics, writing exegesis, and formulating homilies, reflections and/or articles based on their reading.

OLD TESTAMENT

Fall Semester; ½ Credit

This course guides the students to a better understanding of the Old Testament. The Old Testament is related to their social, moral, sacramental and spiritual growth. The course also examines the topics and themes of the creation story, sin and temptation, morality, God's will, vocation, Exodus, the Ten Commandments, the Kingdom of God and the prophets.

Students will practice engaging with the Scriptures using the hermeneutic method of Paul Ricoeur.

SACRAMENTS

Fall Semester; ½ Credit

Sacraments is offered first semester of Senior year. This course presents a solid foundation for understanding the seven sacraments of the Catholic Church, both in history and symbol. The text promotes an appreciation of the unity of cultural diversity, which is the historical heritage of the Catholic tradition and the means of communicating and celebrating the mystery of Christ.

Senior students may choose either World Religions or Augustine and the Restless Heart for their second semester Theology class.

AUGUSTINE AND THE RESTLESS HEART (Elective Sr. Year)

1 Semester; ½ Credit

Class of 2025: May elect to take this class second semester your senior year.

Class of 2026 & Beyond: May elect to take this class first semester your senior year.

This course explores the life and times of St. Augustine, his spirituality, his thought, and his ministry. Students will dialogue with insights from St. Augustine as a way to reflect upon their own existential questions, and they will also engage critically with issues and questions that emerge from other disciplines and world events.

Students will deepen their understanding of Augustinian spirituality and the Augustinian charism as it is expressed in their own lives, in school, in the Church, and in the world. The class will pivot around the writings of St. Augustine, especially *Confessions* and the *Rule of St. Augustine*, supplemented with other of his writings, as well as Augustinian scholars and those who are part of the Augustinian family. Other Church and Augustinian documents will be used as appropriate. A foundational component of this class is an integrative paper/project that will allow students to explore a topic that interests them, grounded in an Augustinian perspective.

SENIOR SEMINAR

Spring Semester; ½ Credit

Class of 2026 & Beyond: This is your second semester Theology class senior year.

For their last semester at Providence Catholic High School, seniors participate *in the Senior Seminar: Doing Theology*. This class is a review and application of what the students have learned in previous semesters as an exercise in practicing Augustinian theology: "Faith seeking understanding." Part of this class is the development of a capstone project, where they put into practice what they have learned about theology, theological methods, and especially how to integrate what they have learned in a theological construct that is rooted in their own lives and interests. Although the capstone project is foundational, there are conversations regarding how faith intersects with peoples' lives in the world, as well as guided discussion and lectures which will delve further into concepts like mystery, virtue, common good, etc.

WORLD RELIGIONS (Elective Sr. Year)

1 Semester; ½ Credit

Class of 2025: You may elect to take this class second semester senior year.

This course explores the history of religion and surveys the major world religions, probing the common characteristics and focusing on the distinctive features of each. The relationship among religion, science, and culture, as well as the role of faith in facing life's ultimate questions is considered. The course invites students to begin to understand the basic human quest for meaning in a theological framework.

WORLD LANGUAGES DEPARTMENT

Chair: Mrs. Lara DeVries- ldevries@providencecatholic.org

Department Philosophy

The World Language Department believes that the study of foreign language enriches one's life. In keeping with the Christian values of tolerance and acceptance, it strives to instill an understanding, an appreciation, and a respect for the language and culture of other peoples. The department encourages the development of the unique potential of each student, as well as the ability to interact with the multi-cultural communities of the greater world.

Course Offerings

The World Languages Department curriculum was developed using the World-Readiness Standards.

Freshman Year	Sophomore Year	Junior Year	Senior Year
French 1 French 2 Honors Spanish 1 Spanish 2 Spanish 2 Honors Spanish for Heritage Learners	French 1 French 2 French 2 Honors French 3 Honors Spanish 1 Spanish 2 Spanish 2 Honors Spanish 3 Spanish 3 Honors Spanish for Heritage Learners	French 1 French 2 French 3 Honors French 4 Honors Spanish 1 Spanish 2 Spanish 2 Honors Spanish 3 Spanish 3 Honors Spanish 4 Spanish 4 Honors Spanish for Heritage Learners	AP French AP Spanish French 2 French 2 Honors French 3 Honors French 4 Honors Spanish 2 Spanish 2 Honors Spanish 3 Spanish 3 Honors Spanish 4 Spanish 4 Honors Spanish for Heritage Learners

Illinois State Seal of Biliteracy

Spanish and French students in their senior year are eligible to receive the Illinois State Seal of Biliteracy or the Illinois State Commendation of Biliteracy. Students are highly encouraged to take this opportunity to demonstrate their bilingual skills. There are two paths to qualify for either the State Seal or the Commendation:

- 1) Students in their senior year take Spanish or French AP exams and must score a 4 (Seal of Biliteracy) or a 3 (Commendation of Biliteracy) for the award.
- 2) Students in their senior year take the STAMP4S proficiency exam administered by Providence during the second semester. Students assume the cost of the exam and will take the exam outside of school hours. Students must score Intermediate High (Seal of Biliteracy) or Intermediate Low (Commendation of Biliteracy) for the award.

Recipients of the Seal or Commendation will receive a stamp on their high school diploma, as well as recognition on their transcripts.

Course Descriptions & Requirements

FRENCH 1 (Grade: 9, 10, 11)

2 Semesters; 1 Credit

Students communicate information related to their daily lives and activities. Students will be able to communicate using simple sentences in the present, past, and future tenses. Students become familiar with the cultures of the French-speaking world through readings, films, and projects. Technology will be used throughout the course for practice in listening and speaking. An online, interactive textbook allows for students to continue to practice their listening and speaking skills outside of the classroom.

FRENCH 2 (Grade: 9, 10, 11, 12)

2 Semesters; 1 Credit

Prerequisite: For Grade 9, placement through proficiency exam

Building on skills acquired in Level 1, French 2 students continue to communicate about their lives as well as to communicate their basic needs as if in the foreign culture. Longer and more complex sentences incorporating a variety of tenses will be used by the teacher and the students. Cultural information related to the French-speaking world is integrated throughout the course using the textbook, films, projects, and presentations. An online, interactive textbook allows for students to continue to practice their listening and speaking skills outside of the classroom.

FRENCH 2 HONORS (Grade: 9, 10, 11, 12)

2 Semesters; 1 Credit

Prerequisite: French 1 with semester grades of A, or placement through proficiency exam.

Building on skills acquired in Level 1, French 2 students continue to communicate about their lives as well as to communicate their basic needs as if in the foreign culture. Longer and more complex sentences incorporating a variety of tenses will be used by the teacher and the students. Cultural information related to the French-speaking world is integrated throughout the course using the textbook, films, projects, and presentations. An online, interactive textbook allows for students to continue to practice their listening and speaking skills outside of the classroom.

FRENCH 3 HONORS (Grade: 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: French 2 with minimum semester grades of A, or French 2 Honors with minimum semester grades of B

French 3 Honors is designed to engage students in increasingly advanced skill development through authentic materials. Students learn, think critically, and express themselves about a variety of topics in the French language. Students study geography of the French-speaking world, contemporary literature and culture in the target language. Grammar from levels 1 and 2 is reviewed and refined. The class is conducted primarily in French so that students may maximize listening and speaking skills. Technology will be used throughout the course to practice listening and speaking skills. An online, interactive textbook allows students to always have with them all the materials used in the classroom for further review and practice.

FRENCH 4 HONORS (Grade: 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: French 3 Honors with minimum semester grades of A

French 4 Honors is designed to further engage students in increasingly advanced skill development through authentic materials. Students learn, think critically, and express themselves about a variety of topics in the French language. Students study geography of the French-speaking world, contemporary literature, and culture in the target language. Grammar from levels 1 & 2 is reviewed and refined and advanced grammar topics are introduced. The class is conducted primarily in French so that students may maximize listening and speaking skills. Students read and analyze a French novel during the second semester. Technology will be used throughout the course to practice listening and speaking skills. An online, interactive textbook allows students to always have with them all the materials used in the classroom for further review and practice.

AP FRENCH LANGUAGE AND CULTURE (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: French 4 Honors with minimum semester grades of A, or Department Approval

AP Test Fee: \$100

The AP French Language and Culture is a comprehensive French course equivalent to an intermediate level college course in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges. The focus of the course is to perfect student communication in French while preparing the student to take the Advanced Placement French Language and Culture Exam at the end of the year.

Exam: The Advanced Placement French Language and Culture exam is approximately 3 hours long and consists of 65 multiple-choice questions and 4 free-response questions. The multiple-choice section is approximately 1 hour and 30 minutes and tests the student's skills in reading interpretive texts and skills in listening comprehension. The free-response portion of the text is approximately 1 hour and 30 minutes and tests the student's abilities in both spoken and written communication in French through a formal email response, an argumentative essay, a conversation, and a cultural comparison. The free-response questions combine several skills (listening, reading, speaking, and writing) and make use of interpersonal, interpretive, and presentational modes of communication.

SPANISH 1 (Grade: 9, 10, 11)

2 Semesters; 1 Credit

Spanish 1 is designed to introduce students to the basic skills of listening, speaking, reading, and writing. Vocabulary and grammar are presented through oral and written drills, dialogues, and skits. In addition, students are introduced to Hispanic culture through readings, songs, films, and research projects. By the end of the first year, the students should be able to express and understand basic Spanish and should be able to communicate simply but effectively in the target language as well as demonstrate an understanding of the Hispanic world.

SPANISH 2 (Grade: 9, 10, 11, 12)

2 Semesters; 1 Credit

Prerequisite: Successful completion of Spanish 1

Spanish 2 is a review and continuation of Spanish 1 grammar and vocabulary but with a higher degree of implementation. Sentence structure at this level uses the present tense and the past tense. Hispanic history, customs, folk art, and outstanding personalities are studied through readings, videos, and research projects. By the end of the 2nd year of Spanish students should be able to communicate with greater fluency and accuracy.

SPANISH 2 HONORS (Grade: 9, 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Spanish 1 with minimum semester grades of A, or proficiency exam

Spanish 2 Honors is a review and continuation of Spanish 1 grammar and vocabulary but with a higher degree of implementation. Sentence structure at this level uses the present tense and the past tense. Hispanic history, customs, folk art, and outstanding personalities are studied through readings, videos, and research projects. This course also requires the reading of authentic texts and compositional writing.

SPANISH FOR HERITAGE LEARNERS (Grade 9, 10, 11, 12)

2-year Program; 2 credits; Weighted

Prerequisite: Proficiency exam

Spanish for Heritage Learners is offered to students who are from families with Spanish as a home language but need to further develop their language proficiency. Although students possess pre-existing oral communication skills, they will continue to develop how to listen, read, write, and speak in academic and cultural contexts. They engage with the Spanish language outside of their existing language and cultural competencies. Students explore local and international history and the wide-ranging aspects of the Hispanic/Latino identity through novels and current events. This course is an Honors level course. A proficiency placement exam is required.

SPANISH 3 (Grade: 10, 11, 12)

2 Semesters; 1 Credit

Prerequisite: Spanish 2 with minimum semester grades of B-, or Department Approval

This course presents a thorough review of grammar concepts introduced in the first and second years of Spanish, and students will be introduced to several new verb tenses. Students are expected to study brief, authentic texts in-class. Students will fulfill several independent and in-class paragraph writing assignments. Learners will continue to develop conversational skills of listening and speaking. Also, this course will present a comparative study of American culture and cultures of Spanish-speaking countries.

SPANISH 3 HONORS (Grade: 10, 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Spanish 2 with minimum semester grades of A, or Spanish 2 Honors with minimum semester grades of B, or Department Approval

This course consists of a review of grammar concepts introduced in the first and second years of Spanish and introduces new and advance verb tenses. Students will practice intense, independent composition writing skills. The course also requires the reading and study of authentic texts both in-class and independently. Spanish 3 Honors also focuses on the further development of conversational skills of listening and speaking. Additionally, the course includes a comparative study of American culture and cultures of Spanish-speaking countries.

SPANISH 4 (Grade: 11, 12)

2 Semesters; 1 Credit

Prerequisite: Spanish 3 with minimum semester grades of B-, or Department Approval

This course focuses upon thorough review and application of grammar concepts introduced in the first three years of Spanish. The course includes in-class reading and study of brief, authentic texts with a focus on reading comprehension. Students complete independent and in-class paragraph writing requirements. The course provides further development and assessment of conversational skills including speaking and listening. Additionally, the course includes a comparative study of American cultures of Spanish-speaking countries.

SPANISH 4 HONORS (Grade: 11, 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Spanish 3 Honors with minimum semester grades of B, or Spanish 3 with minimum semester grades of A, or 2nd year of Spanish for Heritage Learners with minimum semester grades of B, or Department Approval

This course consists of reviewing and mastering grammar concepts introduced in the first three years of Spanish. Spanish 4 Honors is an introduction to advanced grammatical structures not studied in other Spanish course offerings. Students are required to complete in-class and independent reading and study of authentic texts moving beyond reading comprehension by focusing on symbolism, historical pertinence and theme. This course focuses on the development of independent, advanced composition writing skills. The course provides further development and assessment of conversational skills including speaking and listening. Spanish 4 Honors also offers a comparative study of American culture and cultures of Spanish-speaking countries.

AP SPANISH LANGUAGE (Grade: 12)

2 Semesters; 1 Credit; Weighted

Prerequisite: Spanish 4 Honors with minimum semester grades of B, or 2nd year of Spanish for Heritage Learners with minimum semester grades of A, or Department Approval

AP Test Fee: \$100

The AP Spanish Language course should help prepare students to demonstrate a high level of Spanish proficiency across three communicative modes (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the *Standards for Foreign Language Learning in the 21st Century* (Lawrence, Kan: Allen Press, 1999)(Communication, Cultures, Connections, Comparisons, and Communities). The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level.

AP Spanish Language is a comprehensive Spanish course designed to fit the needs and abilities of advanced students. The Spanish language is taught at a pace similar to most intermediate level university courses with emphasis placed on the following items: conversational skills in grammar, literature, history, and Latin culture. While the overall goal of the course is to further develop the students' Spanish skills, considerable time is spent in preparing the student for the Advanced Placement Exam.

Exam: The AP Spanish Language Exam is approximately 3 hours and 10 minutes in length and covers a third-year college course in advanced Spanish. The exam contains roughly 1 hour and 30 minutes of multiple-choice questions and 1 hour and 40 minutes of free-response questions. The multiple-choice

section measures listening and reading comprehension in the interpretive mode. The free-response section tests the productive skills of speaking and writing as well as command of standard Spanish grammar and usage. Some of the questions in the free-response section integrate several skills (speaking, writing, listening, and reading) and use of interpersonal, interpretive, and presentational modes.

BRIGHAM YOUNG DISTANCE LEARNING



Providence Catholic High School is proud to offer the online Distance Learning Program in partnership with Brigham Young University's Independent Study Program. This program provides both high school and college level courses through an online delivery system that engages students using multimedia, video, animation, and interactive labs. These offerings are limited to junior and senior students who have a GPA of 3.0 or higher at the time of student registration in February. All BYU courses count towards elective credit.

The high school elective courses provide enrichment to our academically gifted upper classmen who want to study topics such as astronomy, business law, or writing poetry. The college level courses allow the academically ambitious upper-class student to receive concurrent credit for both high school and college. Classes such as Nursing and Medical Terminology, Essentials of Human Nutrition, Introductory Sociology, or Introduction to International Politics will peak the interest of PCHS juniors and seniors, while providing them with between 2-4 semester credit hours which are easily transferred to most higher educational institutions across the nation.

The concurrent college courses will be weighted, while the elective high school courses will not be weighted. It should be noted that the college GPA earned for these courses may be included in the student's overall college GPA as these credits transfer to the student's university. There are many high school and college courses offered by the Brigham Young University Distance Learning Program. Students are encouraged to visit the program website at is.byu.edu. Student requests will be reviewed on a case-by-case basis.

All Distance Learning Courses are scheduled as part of the student's regular academic day. The course will be monitored and facilitated by a Providence Catholic faculty member who will act as a liaison between PCHS and Brigham Young University. Questions regarding this program should be directed to Providence Catholic High School's Principal.

There is an additional cost for BYU classes and textbooks. Tuition for BYU classes is announced in June and will be added to your Providence Catholic tuition account.

Students must provide PCHS with a copy of their BYU University transcript at the end of each semester. A copy will be maintained as part of the student's official high school record. The transfer of BYU course credits is accepted by other universities and colleges on a case by case basis; there is no guarantee that credit will transfer. The acceptance of the BYU credits may require the submission of the BYU course syllabus with the BYU transcript.