



SHAMROCK STUDIES

ACADEMIC YEAR

2019 – 2020



January 2019

Dear Students and Parents:

You are about to embark upon an important period of the academic year -- the course selection, registration, and level placement process. *Shamrock Studies*, our course catalog, is designed to provide you with specific course descriptions and academic information necessary to complete your course registration for the 2019-2020 academic year.

Bishop Feehan High School challenges and encourages its students to acquire the skills and knowledge necessary to continue on to higher education, to prepare to become responsible members of the global community, and to participate in sports, school activities, and community service -- all the while growing in faith. The curriculum has been carefully designed to inspire, challenge, direct, and encourage within the context of a caring Christian community. The academic program consists of **core courses** required by all and a variety of **electives** from which students may choose, based upon their individual talents, interests, and goals.

Please be sure to review the procedures carefully and allow time for the completion of the online process. Many steps take place behind the scenes and cannot occur until other steps are complete. In order to be ready for the 2019-2020 school year it is important that all deadlines are strictly observed.

During the next few weeks, it is the responsibility of each student to read the *Shamrock Studies* catalog carefully and seek the advice of teachers, administrators, parents, and guidance counselors. This will ensure that all students can make appropriate and realistic course requests; accurately complete the *Schedule Planning Worksheet*; and submit it to their guidance counselor before the deadline.

May God bless each of you with wisdom and grace as you make these important choices in your academic experience at Bishop Feehan High School.

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ADMINISTRATION

<p>President Mr. Timothy Sullivan '87 tsullivan@bishopfeehan.com</p>	<p>Principal Mr. Sean Kane skane@bishopfeehan.com</p>
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DEPARTMENT CHAIRPERSONS

<p>Mr. James Fasy Mr. Timothy Reid Theology - Co-Chairs treid@bishopfeehan.com jfasy@bishopfeehan.com</p>	<p>Mr. Adam D'Abrosca World Languages adabrosca@bishopfeehan.com</p>
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Timetable for Scheduling – 2019-2020

(dates are based on no weather delays)

January 4, 2019	Student/Parent Timetable distributed in homeroom and e-mailed to parents. Shamrock Studies course catalog available online on our Academics webpage.
January 4 – Feb 12	<i>Schedule Planning Worksheets</i> distributed to students during scheduled Guidance appointments. Students meet with Guidance Counselors to review course options and complete worksheet.
January 8	Signed 2019-2020 Student/Parent Timetable due in homeroom.
Week of January 28	Course Selection Assemblies at X Period for rising grades 10 through 12. <ul style="list-style-type: none">• 1/29: Rising Grade 12 student assembly• 1/31: Rising Grade 11 student assembly• 2/1: Rising Grade 10 student assembly
February 12	Signed <i>Schedule Planning Worksheet</i> due to Guidance Counselors. A copy will be returned to students before online registration.
Feb 12 – March 10	Meetings for teachers and department chairs take place to make course/level recommendations for students. Course and level recommendations are recorded in an <i>Online Course Registration Form</i> for later review by students.
March 11	Instructions for <i>Online Course Registration Form</i> posted online and emailed to parents and students. Online course registration is open for students to make final course/level requests after reviewing school recommendations.
March 18	Online course registration is closed to students.
March 26	<i>Course Assignment Forms</i> mailed to Grade 10-12 parents. Decisions must be final by April 4.
Week of May 6	Students/parents notified of scheduling conflicts.
May 21	Deadline to resolve all schedule conflicts.
May 21 to June 7	Final revisions to 2019-2020 Master Schedule.
June 17 (tentative)	Rising Grade 10-12 schedules distributed in homeroom.
First Monday in July (tentative)	Online bookstore opens for 2019-20 book purchases.

Graduation Requirements and Course Load

In order to graduate, a minimum of **26** credits must be earned as follows:

Theology	4	
English	4	
Mathematics	4	
* Science	3	Biology, Chemistry, Physics
* World Languages	3	Consecutive in same language
* Social Studies	3	1.5 each of World History and United States History
Health and Fitness	0.5	
Test Preparation	0.5	Includes one quarter each of Verbal and Math
Electives	4	
TOTAL	26	

***Four** credits in these disciplines are strongly recommended in order to satisfy the entrance requirements/recommendations of a variety of colleges.

Students are required to complete a minimum of 7 credits in core academic areas or graduation requirements during their freshman year, and 6.5 credits in core academic areas during their sophomore and junior year. To receive a diploma, students must pass 6 core academic courses during their senior year regardless of the number of previously earned credits. Starting with the class of 2022, students must pass 6.5 core academic courses during their senior year regardless of the number of previously earned credits.

Students may not carry a course load of 8.0 credits in any given year. Students may not enroll in more than three Advanced Placement courses in any given year.

Service Graduation Requirements:

Service is an integral part of Christian discipleship and an expression of Mercy, Feehan's charism. The types of service for which students volunteer should correspond to the Corporal Works of Mercy. All students are required to complete and document at least twenty (20) hours of service for verification during freshman, sophomore, and junior years. Visit the school website for more information about this graduation requirement.

Suggested Four-Year Educational Plan

For a majority of the students at Bishop Feehan High School, these courses represent a suggested standard design for a four-year educational plan. This plan allows students some flexibility with electives but also meets the graduation requirements. Students may choose to take more than the required credits.

<p>GRADE 9</p> <p>Theology I English I Biology Algebra I or Algebra II Spanish or French World History I Elective Opportunities</p> <p>Class Retreat Requirement 20 hours of Service</p> <p><u>Minimum number of credits: 7.0</u></p>	<p>GRADE 10</p> <p>Theology II English II Chemistry or Conceptual Physics Geometry Spanish or French World History II & U.S History I Health and Fitness Elective Opportunities or Test Prep</p> <p>Class Retreat Requirement 20 hours of Service</p> <p><u>Minimum number of credits: 6.5</u></p>
<p>GRADE 11</p> <p>Theology III English III Physics or Chemistry or Science Elective Mathematics Placement Spanish, French, or Mandarin Chinese U.S. History II Elective Opportunities or Test Prep</p> <p>Class Retreat Requirement 20 hours of Service</p> <p><u>Minimum number of credits: 6.5</u></p>	<p>GRADE 12</p> <p>Theology IV and Theology Elective Composition & Literature Mathematics Placement Physics or Science Elective Language Continuation or Elective</p> <p>Elective Opportunities</p> <p><u>Minimum number of credits: 6.0</u></p>

The Scheduling Process

The scheduling process is designed to give each student the opportunity to participate in the decision making process with regard to their four-year academic program. During the process, students are encouraged to engage in conversation with parents, Guidance Counselors, teachers, and Department Chairs with the goal of designing a challenging, college-preparatory program of study that fits their interests and abilities. Parents are also ***strongly*** encouraged to discuss course selections with their student's Guidance Counselor in order to gain greater perspective on how those selections fit into, and impact, the four-year course of study. Bishop Feehan's philosophy is to place all students on the highest level at which they will be sufficiently challenged yet can achieve academic success. We are confident that the scheduling process will ensure that the best possible schedule is created for each student.

The process of scheduling is broken down into five areas: course selection, course/level recommendation, online registration, approval/review, and building. Students and parents must clearly understand their responsibilities and associated deadlines within this process.

Course Selection: Students are informed of program offerings during course selection assemblies and meet with their Guidance Counselors to discuss their program of study. Detailed information about academic offerings is listed within the *Shamrock Studies* course catalog, which is posted on the school website. Students and parents complete and sign the "*Schedule Planning Worksheet*" and return it to their Guidance Counselor by the deadline.

Course and Level Recommendations: Teachers and Department Chairs attend a series of meetings to review students' course requests and make their own recommendations for course and level placement in *PlusPortal*. Discussions include the review of all materials and data pertaining to students' past and current academic performance, graduation requirements, and the ability of the student to handle the requested course load.

Online Course Registration: Students log on to *PlusPortals* to review the courses and levels recommended for them. Students complete the registration process by making their final course/level requests in *PlusPortal*. Detailed instructions for using the *PlusPortal* course request module are also posted on the school website.

Schedule Approval/Review: Department Chairs, Guidance Counselors, and administrators attend a series of meetings to review and compare students' registration and departmental recommendations. Final decisions are made and course/level assignments are forwarded to the scheduling database. Students and parents are informed of these final decisions via the "*Course Assignment Form*", which is mailed home. Students and parents sign the "*Course Assignment Form*" and return it to school.

Schedule Building: Once all course assignments are finalized, Department Chairs and administrators divide courses into sections based on enrollment numbers. Students are assigned to sections, and sections are assigned to periods. This process is repeated until the least amount of scheduling conflicts occur. Students and parents are informed of any scheduling conflicts and are asked to make alternate course choices. Schedules are finalized and distributed to students prior to final exams. *Please note:* Teacher course assignments are finalized during the summer months, after schedules are distributed

to students. Given that teaching assignments are affected by enrollment in each section, requests for changes after the June distribution cannot be entertained.

Course Level Descriptions

The academic program at Bishop Feehan High School is designed to prepare all students for post-secondary education. Courses are offered at several levels of depth and difficulty to address the needs of students with varying aptitudes and learning styles.

Most required or core courses are offered at four levels: Honors 1, Honors, College Prep 1, and College Prep. Some required courses are also offered at the Advanced Placement level and require departmental approval. Elective courses are usually offered at a limited number of levels, mostly Honors 1 and College Prep 1. Teachers and department chairs discuss student progress and make recommendations during the level placement process if a student chooses an elective with limited levels. Students are advised that study practices and work habits may need adjustment in order to be successful if they are recommended to a higher course level than courses they have taken in the past.

Advanced Placement: Advanced students are offered the opportunity to engage in college level study in several disciplines as part of the College Entrance Examination Board's Advanced Placement Program. In order to participate, students must demonstrate superior aptitude and achievement and a willingness to commit to considerable independent study. Admission to these courses is selective; criteria are listed in the departmental course descriptions found in *Shamrock Studies*. All students in these courses are required to take and pay the fee for the College Board Advanced Placement Examination in May. Many colleges award credit to those students who receive a satisfactory score on the examination.

Honors 1: Courses at the Honors 1 level are designed to challenge students who have demonstrated a high level of academic aptitude and achievement as demonstrated in the placement exam and past academic performance. The pace of instruction is rapid, and topics are explored in greater depth than in the Honors level. Students are expected to complete independent research, group work, and long term assignments. Assessments emphasize the development of critical thinking skills, originality and creativity, and the ability to make connections within the subject area as well as with other academic disciplines.

Honors: In courses at the Honors level, academically talented students are challenged to make the transition from thorough recall of information to higher levels of thinking and application of course material. Students at this level usually have well-developed skills. Although course content is often very similar to the Honors 1 level, more time is devoted to guiding students in the development of critical thinking skills and the capacity for more independent work. Students are expected to do both independent and group projects and long term assignments. Assessments reflect the transitional nature of this level.

College Preparatory 1: This level provides students who have demonstrated above average aptitude and achievement with a thorough understanding of the fundamentals of the subject area and the application of concepts. Emphasis is placed on fine tuning skills as well as developing the capacity for more critical thinking. Students are expected to complete daily homework assignments as well as some long term assignments and projects. Frequent and varied assessments characterize this level.

College Preparatory: Students at this level receive more personal attention in their academic preparation for college. Teachers use a variety of instructional practices to engage students with different learning styles. Emphasis is placed on developing a strong understanding of the course fundamentals, the capacity for independent and critical thinking, mastery of grade level standards, and the learning skills necessary for more advanced study. Daily homework is assigned to provide students with practice in working with new concepts, review of previously learned material, and structure in their learning process. Long-term assignments are frequently broken down into several components. Student progress is assessed frequently using a variety of tools.

Course Level Placement

The placement of students in appropriate levels is a comprehensive and collaborative process that evolved from a strong desire to create the best possible academic experience for each student. The goal of level placement is to have each student sufficiently challenged by a rigorous academic program while ensuring that he or she has the aptitude and skills to be successful in the classroom. After meeting with guidance counselors, students select courses according to requirements for each grade and personal preferences. Members of the faculty meet within their departments to determine the appropriate level placement in each academic discipline for every student in the school. This opportunity for discussion allows present and former teachers to have input into a student's level placement. Once the departments have agreed upon a student's level placement, administrators, department chairs, and guidance counselors meet to discuss each student's schedule and level placement. All information about a student's academic record is considered in order to recommend a level placement congruent with the totality of a student's academic aptitude and achievement, including results of standardized testing, report cards, progress reports, and previous school records. The Vice Principal of Academics makes the final decision in all scheduling/leveling matters.

Freshman Electives

Freshman students are required to complete 7.0 credits of study. Aside from the six core courses of Theology, English, Science, Mathematics, World Languages, and Social Studies, freshmen students must choose the equivalent of 1.0 credits from a list of approved elective courses. A list of these electives is provided to incoming students when they register and includes courses in the Visual and Performing Arts, Study Skills, World Languages, and Computer Science.

Advanced Placement Courses

Any student wishing to enroll in an Advanced Placement course for the 2019-2020 school year must meet with their Guidance Counselor to discuss their selections. Students should clearly understand the prerequisites for each course in order to determine their eligibility for enrollment. This will ensure that students are able to make well-informed decisions about their course selections for the coming year. Students and parents will be required to sign an "AP Course Contract" acknowledging their awareness of the unique requirements and expectations, as well as the very specific commitments associated with AP enrollment.

In general, no student will be allowed to enroll or register in more than three AP courses in a given year. Rising seniors who have demonstrated exceptional academic success may appeal to the Vice Principal of Academics to enroll in a fourth AP course.

All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examination associated with that course. These exams are scheduled by the College Board and take place in the first few weeks of May, before the senior final exam week. **Students must pay the fee associated with the AP exam, which is currently \$94.00.**

Possibility of Scheduling Conflicts

Bishop Feehan utilizes a computerized scheduling system, which allows for the creation of a master schedule that maximizes the number of successful course requests. However, even with this sophisticated system it is inevitable that some students will submit course requests that cannot be fulfilled due to scheduling conflicts. Students and parents will be informed of any scheduling conflict and will be offered alternative course choices.

Personnel and Student Schedules

It is important to note that personnel and physical plant decisions are predicated upon the courses selected by the students through this course selection process. The school engages teachers, allocates funds, and makes teaching assignments based upon these student schedules. Therefore, when selecting classes for next year, it is important to note the following:

1. Advanced Placement Classes cannot be dropped.
2. Virtual High School Classes cannot be dropped.
3. After completion of the scheduling process, no student may change his/her schedule without the express permission of Mrs. Kennedy, after consultation with the student's teachers, parents, and counselor. A student's non-academic commitments will not be considered as a factor in determining whether a student should change his/her schedule. Additionally, section class sizes and personnel will be considered when determining whether a student may make a schedule change.
4. After September 15, requests by students to change schedules will not be considered.
5. A student who withdraws from a course after the end of the first quarter will receive a W (Withdraw) in that course.
6. No student may withdraw from a semester two course after January 29.

Course Cancellations

Bishop Feehan High School reserves the right to withdraw a course offering due to insufficient enrollment or lack of teacher availability.

THEOLOGY

A four-year program in Theology is required of all students. Students must receive a passing grade for each course in order to fulfill the graduation requirement.

THEOLOGY I – INTRODUCTION TO THEOLOGY

101/111

Required

All Year

Grade 9

This course will give students a foundation in the study of theology. They will explore the nature of God as Trinity, Christ and His Church, the Sacraments, Morality and Social Justice. This along with a unit on the “Theology of the Body” will provide a strong foundation for the four-year theology program. The course will then introduce students into the reading and interpretation of Sacred Scripture. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In this course students will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. This course will concentrate on the Hebrew Scriptures and the covenants with God’s Chosen People, which lead to the New Covenant of Jesus Christ.

THEOLOGY II – THE NEW TESTAMENT & THE CHURCH

102/123

Required

All Year

Grade 10

This course will continue students' journey through the Bible with the New Testament with a special focus on the 4 Gospels and the early letters and actions of the Church. Students will be getting to know Christ more intimately through the stories of His life, His teachings, His miracles, and His Paschal Mystery. This course then focuses on the Church as a community of faith and is the beginning of a historical examination of the mystery of the Church. Students explore the life and mission of Jesus and how the Church as pilgrim continues Christ’s presence in the world with both a human and divine dimension. Through the dimensions of One, Holy, Catholic, and Apostolic, students will see how the Church has been and continues to be a sign and servant of God in the world.

THEOLOGY III – THE SACRAMENTS & CATHOLIC CHRISTIAN MORALITY

103/133

Required

All Year

Grade 11

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail including their origins and practice throughout the centuries so as to learn how they may encounter Christ throughout life. It then focuses on the search for an authentic Catholic Christian Morality based on an encounter with the person and values of Jesus, and guided in its development by the teaching authority of the Catholic Church. Emphasis is placed on developing a process for making moral decisions accompanied by discussion of the following: personhood, stages in moral development, Christian principles and values, freedom, responsibility, authority, law, sin, and conscience formation. The course treats issues of personal and social morality through an examination of selected case studies.

THEOLOGY IV – SOCIAL JUSTICE

104/144

Required

Semester 1

Grade 12

This first semester course continues the examination of the nature and mission of the Church that began during the sophomore year. Social Justice focuses on the Church, the world, and issues of justice. It explores the developments that led to the emergence of the modern Church and its social teachings. Furthermore, the course challenges the disciple to accept ownership of that mission of the Church and to confront the reality of social and institutional sin. Students explore a variety of current issues in the Church and society, especially those that deal with matters of social justice.

All seniors enroll in course 104/144 – Social Justice during the first semester unless they are selected to participate in the full year course 159 – Social Justice/Christian Service Internship.

Students enrolling in 104/144 – Social Justice must also choose an elective course to fulfill their second semester requirement.

THEOLOGY ELECTIVES – SENIORS ONLY

INTRODUCTION TO BIOETHICS

151

Fulfills Requirement

Semester 2

Grade 12

This second semester senior elective course focuses on the significant ethical issues that emerge from science and medicine. After an initial examination of key values and principles of bioethics, the student will undertake an in-depth exploration of the following moral issues: abortion, medical treatment of newborns, genetic engineering, cloning, reproductive technology, euthanasia, suicide, and care of the critically ill. Each issue addressed will involve analysis of the problem and presentation of Catholic ethical wisdom in approaching these dilemmas. Students will participate in seminars on the most pressing bioethical issues of our time.

INTRODUCTION TO WORLD RELIGIONS

152

Fulfills Requirement

Semester 2

Grade 12

This second semester senior elective course introduces the student to the major religious traditions of the world, both East and West. The student will explore the diverse interpretations of the sacred. Additionally, the study of each religion will be pursued in terms of three key dimensions: (a) Creed: What the community believes about the sacred; (b) Code: The community's values and norms for behavior; and (c) Cult: How the community celebrates its beliefs in ritual.

DEATH, DYING, LIFE, AND LIVING

154

Fulfills Requirement

Semester 2

Grade 12

This second semester senior elective course is practical in nature with its goal of assisting students in developing an approach to life which enables them to cope in healthy ways with the losses and transitions experienced in life: death, divorce, break-up of relationships, loss of health, etc. Central to this course are Christian attitudes toward the mystery of suffering and death, the belief in resurrection, and grief therapy.

ART AND THE SACRED

155

Fulfills Requirement

Semester 2

Grade 12

This second semester senior elective course applies the articles of faith as outlined in the Catechism of the Catholic Church to some great literary and artistic works. The course seeks to explore the many and diverse way that humans have used the arts to reveal the mystery of God's presence among us, His relationship to us, and our response to his Divine Revelation. The works of art that will be utilized are organized around the four pillars of the Catechism, with the goal of deepening students' appreciation of God in a reflective, imaginative, and properly devotional way. Through discussion of and reflection on the power that these works have beyond entertainment, the course will both enrich and challenge the head and heart of the students.

BUSINESS ETHICS

157

Fulfills Requirement

Semester 2

Grade 12

This second semester senior elective course focuses on the significant ethical issues that arise in the field of business. By examining relevant Church teachings, Scripture, and major philosophical theories of ethics, this course is designed to provide students with an ethical framework for approaching decision making within the context of economic life. Through the in-depth examination of case studies, students will explore the following topics: corporate culture and organizational decision making, personal and professional codes of ethics, corporate social responsibility, technology in the workplace, employer and employee rights and responsibilities, environmental sustainability, and social entrepreneurship. Students will be required to participate in seminars and to conduct independent research on current ethical issues in business.

SOCIAL JUSTICE/CHRISTIAN SERVICE INTERNSHIP

159

Fulfills Requirement

All Year

Grade 12

This full year senior elective course, integrates the required Social Justice course with a practicum in supervised service. The goal of this course is to educate and inspire students to grow in an understanding of Christian attitudes with respect to earthly goods and socio-economic relationships. Christians strive to create a future in which these Christian attitudes are lived out in daily life. Students will come to a fuller understanding of what is meant to live the "Kingdom of God" in the context of Catholic social teaching and scriptural reflections. Through direct service internships, students will come to see service as a tool that can act as a catalyst for social change leading to greater social justice. Students will understand that service, coupled with dependence upon God, is a powerful vehicle through which the Holy Spirit impacts one's personal life and communal life.

Requirements: Students will choose an internship that is hands-on and linked to the curriculum. They will participate in this internship experience twice during each seven-day cycle. During this time they may be involved in service that directly impacts Bishop Feehan High School, or they may travel a short distance into the community to work in a service agency. During the cycle, students will have the opportunity to reflect upon and process his or her service experience and make links to the curriculum. The service portion of this course will take place during two days of the cycle when the class period coincides with the X period. **Students may not take this class if they are scheduled for an X period class.** It is possible that a course conflict could occur after the master schedule is built in the Spring. If another chosen course is scheduled during the X period, the student and parents will be notified of the course conflict and asked to decide which course takes precedence for enrollment in the Fall. In the unlikely event that the X period course is required for graduation there will not be a choice – the one required for graduation will take precedence.

Enrollment in this course is by invitation only. It is a privilege to be able to serve off campus twice a cycle. The number of supervised, off-campus service sites available in any given year is limited; therefore, the number of students accepted in this course is also limited. **Students wishing to be a part of this course must complete an application, which can be found on the school website, and hand deliver it to the Chair of the Theology Department by Friday, February 9, 2018.**

ENGLISH

A four-year program in English is required of all students. Students in Grades 9, 10, 11, and 12 take a full year course each year; students in Grades 11 and 12 may choose to take additional elective courses in English. Elective courses cannot be used to fulfill the graduation requirement for English.

ENGLISH I

212 Honors 1	Required	All Year	Grade 9
213 Honors	Required	All Year	Grade 9
214 College Prep 1	Required	All Year	Grade 9
215 College Prep	Required	All Year	Grade 9

This first course in the English program provides a foundation in English Language Arts, including writing, grammar, vocabulary, and oral communication. The course introduces students to the four main literary genres of fiction, nonfiction, drama, and poetry. Through study of literary and rhetorical analysis, students receive instruction in becoming more skilled, organized, and thoughtful writers.

ENGLISH II

222 Honors 1	Required	All Year	Grade 10
223 Honors	Required	All Year	Grade 10
224 College Prep 1	Required	All Year	Grade 10
225 College Prep	Required	All Year	Grade 10

This course introduces students to the major themes and ideas of American Literature in selected poems, novels, short stories, and essays from the Puritans to the Modern Period. It is designed to increase competency in vocabulary, writing, and oral communication. The course reinforces basic skills in literary and rhetorical analysis and provides instruction in research and other multi-paragraph compositions.

ENGLISH III

232 Honors 1	Required	All Year	Grade 11
233 Honors	Required	All Year	Grade 11
234 College Prep 1	Required	All Year	Grade 11
235 College Prep	Required	All Year	Grade 11

This course in British literature examines themes from works representing all literary periods from the Anglo-Saxon period to the present, while considering their historical context and reinforcing critical reading and analysis of text. The course includes a focus on the college essay and basic SAT essay preparation through the reinforcement of rhetorical analysis skills. Additionally, the course continues instruction in vocabulary and grammar.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

241 Advanced Placement	Fulfills Requirement	All Year	Grade 11
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Prerequisites: Successful completion of English II Honors 1 with a minimum average of 92 or English Honors with a minimum average of 94 and the approval of the English teacher. PSAT Critical Reading score of 30+ and Writing score of 30+ required. Recommendation of the English teachers and approval of department chairperson needed. Students who fail to meet these prerequisites may be asked to submit a writing sample or take a diagnostic examination. All students enrolled in #241 are required

to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

This college level course engages students in the careful reading and critical analysis of fictional and dramatic literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Selections will place an emphasis on British and world literature. As they read, students consider a work's structure, style, and themes as well as the use of figurative language, imagery, symbolism, and tone. AP Literature students must have strong writing skills, including command of the rules of grammar, a strong and varied writing style, and mastery of the mechanics of English. Because they will be enrolled in a college course in high school, these students must also be willing to accept responsibility for their own learning. This course will take the place of the English III requirement.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

242 Advanced Placement	Fulfills Requirement	All Year	Grade 12
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Prerequisites: Successful completion of AP Literature and Composition, or English III Honors 1 with a minimum average of 93, or English III Honors with a minimum average of 95 and the approval of the English teacher. PSAT Critical Reading score of 30+ and Writing score of 30+ required. Recommendation of the English teachers and approval of department chairperson needed. Students who fail to meet these prerequisites may be asked to submit a writing sample or take a diagnostic examination. All students enrolled in #242 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

This course provides intensive practice in organizing and writing a variety of essays necessary to make the student a flexible writer who can compose in a variety of modes and for a variety of purposes. The course emphasizes analytical and persuasive essays on non-literary topics and provides the student with the background necessary to effectively critique the rhetorical structure, purpose, tone, and effects of good writing. In addition, the informed use of research materials and the ability to synthesize varied sources (to evaluate, use, and cite sources) are integral parts of the course. Practice in preparing for the AP Language and Composition exam is central to the course. AP English Language students must have strong writing skills, including command of the rules of English grammar, a strong and varied writing style, and mastery of the mechanics of English. Because they will be enrolled in a college course in high school, these students must also be willing to accept responsibility for their own learning.

COMPOSITION AND LITERATURE

251 Honors 1	Required	All Year	Grade 12
261 Honors	Required	All Year	Grade 12

In this course, students learn to become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. The course provides practice in composition, making students flexible writers who can compose in a variety of modes and for a variety of purposes. The course emphasizes expository, analytical, and persuasive essays on non-literary topics. In addition, a variety of literary topics will be explored providing the student an opportunity to refine skills related to literary analysis.

COMPOSITION AND LITERATURE

271 College Prep 1	Required	All Year	Grade 12
281 College Prep	Required	All Year	Grade 12

This course brings the student to the threshold of readiness for college-level study in the discipline of English. Its aim is to refine writing skills using the conventions of standard written English. The course

provides practice in composition, making students flexible writers who can compose in a variety of modes and for a variety of purposes. Students will explore a variety of literary topics to refine skills related to literary analysis.

SAT TEST PREP

919 (Traditional)	Required	Semester	Grade 10 or 11
920 (Summer)	Option	Summer	Grade 11
921 (Online)	Option	Semester	Grade 10 or 11

This course familiarizes the student with the format of the SAT examination and emphasizes the development of standardized test taking strategies. Writing skills and critical reading comprehension are stressed, and a review of arithmetic, algebra, and geometry is presented. Students take practice exams several times over the course of the semester and are provided with resources for independent, personalized development of skills. Students will be assigned an English teacher for one quarter and a mathematics teacher during the other quarter. **This is a Pass/Fail course.**

Two options are provided for students who wish to fulfill their SAT Test Prep requirement outside of the regular school day.

- The “Summer” option is a 2 week program (30 total hours) that takes place in July and/or August. Attendance is mandatory for all 10 days. This option is only open to rising juniors.
- The “Online” option is an alternative to our traditional face-to-face course during the school year. The course is conducted entirely online during a single semester. There is no face-to-face class meeting time. Google Classroom is the primary platform for the course.
- The “Summer” and “Online” options are designed to provide more room in the school year schedule for electives. Sophomores and juniors are still required to enroll in 6.5 credits of classes during the school day. The optional format courses will NOT count towards this 6.5 credit daily minimum. Students who enroll in these options are encouraged to take the opportunity to build a rigorous and enriching school year schedule.
- Since these two options are credits taken outside of school hours, there is a fee associated with enrollment.

ENGLISH ELECTIVES

ORAL COMMUNICATIONS

291 Honors	Elective	Semester	Grades 11-12
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Prerequisites: Successful completion of English II.

This course is an activity-based speech communication program designed to help students become more competent speakers and more efficient listeners. Through a variety of activities, this course develops the key concepts of communication as a process, reinforcing the skills and techniques necessary for effective speaking and interactive listening in both formal and informal situations. Participation in public speaking events will be encouraged.

INTRODUCTION TO FILM STUDIES

293 Honors 1	Elective	Semester	Grades 11-12
294 Honors	Elective	Semester	Grades 11-12

Prerequisites: Successful completion of English II.

This course is an introduction to the twentieth century's most important visual medium: movies. Students will study the language and aesthetics of cinema and learn about the basic building blocks of film. The course will also introduce students to significant developments in film history, from the invention of motion pictures and the establishment of the film industry to the digital and CGI innovations of today's cinema. For the purposes of this course, we will consider the film as text. Students will read films in order to improve their understanding of the way meaning is created while also deepening their appreciation and understanding of the medium. Students will learn to think critically about movies, with emphasis on improving both written and spoken expression. ** *Depending on enrollment, the Honors 1 and Honors courses may be run concurrently, with additional requirements and assignments for the Honors 1 level.*

CREATIVE WRITING

297 Honors

Elective

Semester

Grades 11-12

Prerequisites: Successful completion of English II.

This course is designed for the student who wants to develop the ability to write with a refreshingly new perspective. Classroom dialog, group dynamics, and frequent writing assignments, both casual and formal, are required of students in this class. The student must have a sincere desire to improve his or her writing ability as well as a willingness to share creative work with others.

STUDY SKILLS

298

Elective

Semester

Grade 9 ONLY

This freshman-only remedial course is designed to facilitate learning skills necessary to be successful in our core curriculum. **It is intended only for those students whose study skills are in need of direct instruction and improvement.** The course initially focuses on identifying individual learning styles, encouraging sound habits of home study, and forming lifelong study habits. Students will build proficiency in time management, goal setting, note taking, outlining and organizational skills, test taking techniques, and enhancing memory.

In addition, this course provides instruction on writing a research paper, according to basic *MLA* guidelines. Students will develop efficient research techniques using library and Internet references and resources, including: search engines and directories, electronic databases, and website evaluation. Assessments for this course include in-class assignments, class participation, and the successful completion of a research paper. **This is a Pass/Fail course.**

SCIENCE

A three-year program in science is required, and includes one year each of biology, chemistry, and physics. The Science Department Faculty recommends that all students take an elective course in the fourth year. These requirements are in accordance with National Science Education Standards and the 2006 Science and Technology/Engineering Curriculum Frameworks for the State of Massachusetts. The three required courses provide the skills and concepts necessary for a graduate of a college preparatory high school. Since mathematics is the language of science, the science faculty closely monitors students' progress in mathematics courses. Student performance in mathematics is an integral part of the decision making process that determines course and level placement in the science curriculum. Due to the differing nature of life science and physical science courses, it is not uncommon for students to change level placement each year in their science courses, depending on the content delivered in prior math courses, as well as their mastery of that content.

The recommended course of study in science is determined by a student's analytical (mathematical and data interpretation) skills.

Students who have strong analytical abilities pursue the following course of study:

Freshman Year: Biology
Sophomore Year: Chemistry (322, 323, 324)
Junior or Senior Year: Physics (353, 332, 333, 334)

* In this sequence of courses, the student may take a science elective in his/her junior or senior year.

Students who need additional support with their analytical (mathematical and data interpretation) skills are advised to pursue the following course of study:

Freshman Year: Biology
Sophomore Year: Conceptual Physics (335)
Junior Year: Chemistry (325)

* In this sequence of courses, the student may take a science elective in his/her senior year.

The second sequence of courses also allows students who need additional time and support in mathematics to take the more math-intensive Chemistry course concurrently with Algebra II, thus offering more congruence between required analytical skills.

SCIENCE FAIR: Participation in the BFHS Science Fair is mandatory for students enrolled in designated courses. Participation in the fair is part of the grade for these courses. The individual teacher determines the weighting of this grade in their course. Students who are interested in the science fair, but are not enrolled in these courses, are encouraged to speak with their science teacher about participation so that the appropriate forms can be completed. Winners at the local fair are expected to participate in subsequent regional and state fairs.

REQUIRED COURSES

BIOLOGY I

312 Honors 1 **Required** **All Year** **Grade 9**

This course is designed to provide students with an in-depth understanding of the fundamental concepts, processes, and systems of living organisms. Topics include the nature of life, ecology, cell structure and function, genetics, and evolution. At the end of the course students are expected to have an in-depth knowledge of the topics covered and be able to synthesize the details of each topic into the larger conceptual framework of the biological world. Laboratory experiments are designed to illustrate the concepts learned in the classroom with an emphasis on critical thinking skills and problem solving. **Science fair participation is required for all students enrolled in this course.**

BIOLOGY I

313 Honors **Required** **All Year** **Grade 9**

This course is designed to teach the fundamental concepts, processes and systems of living things. Topics include the nature of life, ecology, cell structure and function, genetics, and evolution. Assignments and laboratory activities will help students integrate the details of each topic into the larger conceptual framework of the biological world.

BIOLOGY I

314 College Prep 1 **Required** **All Year** **Grade 9**

This course is designed to teach the fundamental concepts, processes and systems of living things. Life will be studied from basic cellular structure and function to the complex interactions of organisms in an ecosystem. Topics include the nature of life, ecology, cell structure and function, genetics, and evolution. In the laboratory, emphasis is on investigation and inquiry as a means of developing a deeper understanding of biological concepts.

BIOLOGY I

315 College Prep **Required** **All Year** **Grade 9**

This activity and lab-centered course presents the fundamental concepts, processes and systems of living things from basic cellular structure and function to the complex interactions of organisms in an ecosystem. Topics include the nature of life, ecology, cell structure and function, genetics, and evolution. Emphasis is on a practical, concrete approach integrating investigation and inquiry as a means of understanding biological concepts.

CHEMISTRY I

322 Honors 1 **Required** **All Year** **Grade 10**

Prerequisites: Successful completion (80 or better) of an Honors level mathematics class and approval of Department Chair.

This course will introduce basic chemical concepts and principles from experimental observations. Electronic structure and bonding, organization of matter, states of matter and solutions, kinetics, equilibria, and thermodynamics with descriptive topics will be the focus of this course. Extensive problem solving will be integrated into these topics, therefore students in this course must have very strong analytical skills and excellent mastery of algebraic concepts. Laboratory experiences will reinforce the concepts discussed. This course has a lab period once each cycle. **Science Fair participation is required for all students enrolled in this course.**

CHEMISTRY I

323 Honors

Required

All Year

Grade 10

Prerequisites: Successful completion (80 or better) of an Honors level mathematics class and approval of Department Chair.

This course includes the study of matter and its changes. Topics covered are: the mole concept, stoichiometry, chemical reactions, chemical bonding, and periodic law as well as other general concepts. Students in this course must have good analytical skills and mastery of Algebra concepts. Emphasis will also be placed on laboratory techniques and experimentation. This course includes a lab period once each cycle.

CHEMISTRY I

324 College Prep 1

Required

All Year

Grade 10

Prerequisites: Successful completion (80 or better) of Algebra I CP1 and approval of Department Chair.

This course studies matter and its changes. Students learn the language of chemistry and the mathematics of chemical equations, therefore students should have mastery of basic Algebra skills. The course is lab-oriented and provides many opportunities for students to draw conclusions based on lab data. All aspects of chemistry are explored giving students an overview of the entire field. This course includes a lab period once each cycle.

CHEMISTRY I

325 College Prep

Required

All Year

Grade 11

This course emphasizes fundamental concepts in chemistry and how they are applied in everyday life and society. A goal of this course is to combine the theory and applications of chemical concepts. Basic Algebra skills are reinforced by connecting conceptual models to mathematical processes. Topics to be covered include: the structure of matter, interactions of matter, stoichiometry, states of matter, and acids and bases.

ADVANCED PLACEMENT PHYSICS 1

353 Advanced Placement

Required

All Year

Grades 11-12

Prerequisites: Successful completion (90 or better) of Algebra 2 and Trigonometry Honors 1 (course 432), and successful completion (90 or better) or concurrent enrollment in Precalculus Honors 1 (course 442). Recommendation of Department Chairperson required. All students enrolled in #353 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

This first year Physics course is designed for highly motivated students with superior analytical ability as well as exceptional mathematical skills. AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A significant portion of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

PHYSICS

332 Honors 1

Required

All Year

Grades 11-12

Prerequisites: Successful completion of Algebra II-Honors 1(432) and concurrent enrollment in Pre-calculus-Honors 1 (442) or Calculus Honors 1(482).

This demanding algebra/trigonometry-based course is intended to provide students with an in-depth and analytical study of the major topics of physics. *Prior instruction and a strong grasp of trigonometry are required to enroll in this course.* The principal focus is on mechanics, electricity and magnetism, with ample consideration given to waves, sound, and heat. Laboratory experiments are designed to illustrate concepts learned in the classroom with emphasis on critical thinking.

PHYSICS

333 Honors

Required

All Year

Grades 11-12

Prerequisites: Successful completion of Algebra II/Trig-Honors (433) or Pre-Calculus CPI (448) or concurrent enrollment in Pre-Calculus-Honors (443).

This demanding algebra/trigonometry-based course presents an analytical approach to the principles of general physics. *Prior instruction of trigonometry is required to enroll in this course.* Topics include mechanics, waves, sound, heat, electricity and magnetism. Laboratory experiments are designed to illustrate concepts learned in the classroom with emphasis on critical thinking.

PHYSICS

334 College Prep 1

Required

All Year

Grades 11-12

Prerequisite: Successful completion of Algebra II-CP1 (434).

This algebra-based course introduces the student to the central ideas, principles, and relationships of general physics. *This course is for students who have not received prior instruction in trigonometry.* The goal of this course is to foster an appreciation for the presence of physics in all aspects of our lives, impart knowledge of the principles or concepts on which physics is based, abolish the common misconceptions about physics, and develop the ability to solve a problem. Topics include mechanics, waves, sound, light, electricity, and magnetism. These concepts are developed and supported through laboratory investigations.

CONCEPTUAL PHYSICS

335 College Prep

Required

All Year

Grades 10

Prerequisite: Successful completion of Algebra I-CP (415).

This is a descriptive course in general physics that examines the underlying principles of how things work and interact in the world around us. The goal of this course is to explore examples of physics in our everyday lives, develop an understanding of the principles and concepts on which physics is based, and apply these concepts through laboratory work, problem-solving, and critical thinking. Topics include mechanics, heat, waves, light, sound, electricity, and magnetism. Mathematics is kept to a minimum but basic algebra skills are required.

SCIENCE ELECTIVES

ADVANCED PLACEMENT BIOLOGY

351 Advanced Placement **Elective** **All Year** **Grades 11-12**

Prerequisites: Successful completion (90 or better) in Biology I - Honors 1 (312) or Honors (313), successful completion (90 or better) of Chemistry I-Honors 1 (322) or Honors (323), and approval of Department Chairperson. All students enrolled in #351 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

This course is designed for students with superior analytical ability and a strong interest in biology. It demands high motivation and an ability to write cogently, coherently, and analytically. The course will require extensive reading assignments and substantial laboratory work. The course will develop the conceptual framework, factual knowledge, and analytical skills related to molecules, cells, heredity, evolution, diversity of organisms, ecology, structure and function of plants, animals, and humans.

ADVANCED PLACEMENT CHEMISTRY

352 Advanced Placement **Elective** **All Year** **Grades 11-12**

Prerequisites: Successful completion of Chemistry 1 – Honors 1 (322) with a grade of 91 or higher, or Chemistry 1 – Honors (323) with a grade of 95 or higher, successful completion of Algebra II and Trigonometry – Honors or Honors 1 (432, 433, or 436) with a grade of 91 or higher, and approval of Department Chairperson. All students enrolled in #352 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

In keeping with the College Board's standards, that AP Chemistry curriculum will include: kinetics, thermochemistry, periodicity, chemical equilibrium, acid-base chemistry, and intermolecular forces. This course is designed for highly motivated students who have demonstrated an extraordinary degree of competence in a first-year chemistry class. Students must exhibit mastery of stoichiometry, atomic theory, gas laws, and chemical bonding since these topics will be considered prior knowledge. Success in this course requires a high level of mathematical proficiency and problem-solving skills. Tests will be administered before school to accommodate a rigorous schedule of classes and labs.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

354 Advanced Placement **Elective** **All Year** **Grades 11-12**

Prerequisites: Successful completion of Biology 1 and Chemistry 1 at the H or H1 level OR strong performance (90 or better) in Biology and Chemistry at the CP1 level, and approval of Department Chairperson. APES students must be good readers and writers and have strong analytical abilities.

All students enrolled in #354 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

AP Environmental Science (APES) is a year-long course that is the equivalent to a one semester college level Environmental Science course. Environmental Science is the interaction of sciences that attempts to explain how life on the Earth is sustained, what leads to environmental problems, how humans are responsible and interact with these elements and how these problems can be solved. Many sciences are important to environmental science. These include Biology (*especially Ecology, that part of Biology that deals with the relationships among living things and their environment*), Geology, Hydrology, Climatology, Meteorology, Oceanography, and Soil Science. In addition, APES students learn about environmental laws, environmental regulations, and environmental history.

ASTRONOMY

361 Honors 1	Elective	Semester	Grades 11-12
362 College Prep 1	Elective	Semester	Grades 11-12

This course is designed to give a broad understanding of Astronomy. Topics such as star evolution and creation, the Big Bang Theory, planet/satellite orbits, galaxies, black holes, and spacetime will be covered. These topics will be conveyed with direct lecture, lab activities and small group work. Assessments will include both traditional assessment and project based assessments.

MARINE BIOLOGY

363 Honors 1	Elective	Semester	Grades 11-12
364 College Prep 1	Elective	Semester	Grades 11-12

Prerequisite: Successful completion of Biology I.

This is an introductory course that explores life in the oceans and along its shores. Topics will include physical and chemical oceanography, characteristics of different forms of marine life, and conservation issues which will be studied in an analytical approach. Independent research and laboratory investigations will provide a deeper understanding of specific marine organisms.

MICROBIOLOGY AND HUMAN DISEASE

369 Honors 1	Elective	Semester	Grades 11-12
370 College Prep 1	Elective	Semester	Grades 11-12

Prerequisites: Successful completion of Biology and Chemistry.

This course acquaints students with microorganisms and their activities. The course will give students an overview of the microbial world including the structure, functioning, and diversity of microorganisms through the exploration of bacteria, viruses, and fungi, and the interaction of these organisms with the human world.

MEDICAL TERMINOLOGY – ONLINE COURSE

371 Honors 1	Elective	Semester	Grades 11-12
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Prerequisites: Successful completion of Biology and Chemistry.

THIS COURSE CANNOT BE USED TO SATISFY A STUDENT'S YEARLY CREDIT REQUIREMENT. IT MUST BE TAKEN IN ADDITION TO A SENIOR'S REQUIRED 6 CREDITS, OR A JUNIOR'S REQUIRED 6.5 CREDITS.

This course is designed for students seeking to pursue a college education in a science or medical field. The course focuses understanding the parts of words (roots, suffixes, and prefixes) as a way to more easily access the meaning of complicated terminology. The course will focus on learning the meanings of common word parts and how they are combined into a variety of medical terms. The course will be taught as an online course using a combination of *PlusPortals* and Google Apps for Education, and other electronic resources. Students will be expected to work at their own pace and on their own time to complete activities and assignments without frequent deadlines or supervision. Students will be asked to periodically check in with faculty to ensure they are making adequate progress toward completing each quarter's work.

INTRODUCTION TO EMERGENCY MEDICINE

372 Honors 1	Elective	Semester	Grades 11-12
373 College Prep 1	Elective	Semester	Grades 11-12

This course will introduce students to the field of emergency medicine and the associated knowledge and skills, which are practiced on a daily basis by medical doctors, nurses, paramedics, EMT's, and other medical professionals and first responders. The two objectives of this course will be provide students with a more realistic view of what the medical field entails, as well as provide students with knowledge and skills that can be used in a real emergency medical situation.

Special Note for Students: Due to the nature of emergency medicine and the medical and traumatic injuries it entails, it will be necessary for students to discuss and view blood, organs, and other bodily fluids. It is highly encouraged that all students are comfortable with this material before enrolling in this course.

ANATOMY AND PHYSIOLOGY

376 Honors 1	Elective	All Year	Grades 11-12
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Prerequisites: Successful completion of Honors level Biology I (312 or 313) and Chemistry I (322 or 323).

This course is designed for students who wish to gain an in-depth understanding of the human body. It is an intensive course that demands high motivation and strong attention to detail. This course examines the relationship between structure and function of the integumentary, skeletal, muscular, nervous, digestive, circulatory, respiratory, excretory, lymphatic, endocrine, and reproductive systems. The theme of homeostasis is also emphasized throughout the course, as each system plays a vital role in the overall health of the body. Cat dissection is a requirement for this course.

ANATOMY AND PHYSIOLOGY

378 College Prep 1	Elective	All Year	Grades 11-12
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Prerequisites: Successful completion of College Prep level Biology I (314 or 315) and Chemistry I (324 or 325).

This course is offered to students who are interested in possible careers in the medical field and in the human services area. It includes introductory anatomy, physiology, and pathology as represented by the latest advances in these fields. The course includes research, dissection, and analysis.

GENETICS

381 Honors 1	Elective	Semester	Grades 11-12
379 College Prep 1	Elective	Semester	Grades 11-12

Prerequisites: Successful completion of Biology and Chemistry.

This course is designed to provide students with an introduction to the major principles of heredity with a focus on human inheritance. Topics for the course include: Mendelian genetics, quantitative genetics, extra-nuclear inheritance, gene expression, mutations, human genetics, and population genetics. The course includes lab activities.

INTRODUCTION TO ENGINEERING

385 Honors 1

Elective

All Year

Grades 11-12

Prerequisite: Successful completion (80 or above) of Algebra II at the CP 1 level or above.

The primary purpose of this course is to introduce students to the world of technology and engineering as a first step in becoming technologically literate citizens. Students will develop a deep and rich understanding of the term technology and the engineering design process. Through this course's practical real-world connections and hands-on activities, all students will have an opportunity to see how science, math, and engineering are part of our everyday world, and why it is important for *every citizen* to be technologically and scientifically literate. Students are assessed through design portfolios, oral presentations, traditional tests, and group work. A significant amount of group work outside of the classroom is required in this course in order to complete the design project for each quarter. It is a rigorous course that requires students to be highly organized self-starters with strong skills in teamwork. A considerable portion of each student's grade is based on group presentations, and reports prepared outside of class. Students must have the ability to meet outside of class and school time to do this work.

ENVIRONMENTAL SCIENCE

388 Honors 1

Elective

All Year

Grades 11-12

389 College Prep 1

Elective

All Year

Grades 11-12

Prerequisites: Successful completion of Biology and Chemistry.

Environmental Science enables students to develop an understanding of the natural environment and the environmental problems the world faces. Students will investigate the following topics: fundamental ecological principles, human population dynamics, natural resources, energy sources and their use, human interaction with the environment, and personal and civic responsibility. This science course will utilize group lab experiences. Particular emphasis will be placed on local environments. Students will develop a basic understanding of ecology as the foundation for making ethical decisions as responsible Christian members of modern society.

MATHEMATICS & COMPUTER SCIENCE

Bishop Feehan has a four-year mathematics requirement for graduation. Courses that require a calculator are noted as follows: ** TI 84+ calculator is required.

GRADE 9 courses are determined based on performance on the Algebra Placement Exam. All Grade 9 level placements are reviewed at the middle of the first marking period by individual teachers, in consultation with the Department Chairperson.

GRADE 10 students who want to take Calculus in their senior year, but who have entered Bishop Feehan at the Algebra I level, must complete both Geometry and Algebra II before the end of grade 10. Students who chose to “double-up” in math during Grade 10 must achieve an 86 average in course 412, a 91 average in course 413, or a 95 average in course 414. This average must be maintained throughout the year. Students who choose this option must delay their Social Studies program of study by one year. A summer Geometry option is available to H and H1 students. See the Geometry course description for more details.

Information for Students taking Advanced Mathematics Classes in Middle School: All students admitted to Bishop Feehan take a placement exam in March to determine if the student should take Algebra I during their freshman year. Certain students are eligible to take additional mathematics placement exams depending on their middle school mathematics curriculum. In order to take the Geometry or Algebra II placement exam, the student must have a full year of Geometry or Algebra II on their middle school transcript and must have passed Bishop Feehan’s Algebra I placement exam. Students must achieve a minimum score of 80% on the Geometry or Algebra II placement exam to place out of the respective course. Students who are successful on these exams will be placed in advanced mathematics classes according to Bishop Feehan’s mathematics curriculum, but will not receive credit for these courses on their Bishop Feehan transcript. Regardless of course placement, all students are required to complete four years of mathematics courses to meet Bishop Feehan’s graduation requirement. The Geometry and Algebra II placement exams are given on an individual basis. Interested students should contact the chair of the Mathematics Department to make an appointment to take these exams. The Geometry and Algebra II placement exams must be taken within six weeks of completing the course in middle school. Documentation of completion of the respective course must be provided to us when making the appointment for the exam administration. The Geometry and Algebra II placement exams may be taken once only.

ALGEBRA I

412 Honors 1	Fulfills Requirement	All Year	Grade 9 **
413 Honors	Fulfills Requirement	All Year	Grade 9 **
414 College Prep 1	Fulfills Requirement	All Year	Grade 9 **
415 College Prep	Fulfills Requirement	All Year	Grade 9 **

This first-year course uses mathematical concepts to develop basic principles of algebra in a systematic and meaningful way. Topics include solving equations and inequalities, graphing and writing functions, systems of equations and inequalities, exponents, polynomials, quadratics, and data analysis. Word problems are an integral part of the curriculum in order to develop critical thinking skills. The difference between the levels is the speed of instruction and the difficulty of the problems.

GEOMETRY

422 Honors 1	Fulfills Requirement	All Year	Grade 10
423 Honors	Fulfills Requirement	All Year	Grade 10
424 College Prep 1	Fulfills Requirement	All Year	Grade 10
425 College Prep	Fulfills Requirement	All Year	Grade 10

Prerequisites: (422/423) Successful completion of Algebra I or Algebra II and Trigonometry at the same level. (424/425). Successful completion of Algebra I or Algebra II at the same level.

Topics included in this course are the basic elements of geometry and deductive reasoning through the two-column proof. Students are introduced to angle measurement and perpendicular and parallel lines. Congruent triangles and similar polygons are covered in detail with their appropriate definitions, postulates, theorems, and applications. A special section is reserved for right triangles where the Pythagorean Theorem is introduced along with some fundamental concepts of trigonometry. Circles, area and volumes are also discussed. Honors sections treat subject matter with greater acceleration and intensity.

*** Students who wish to “double-up” have an option to complete their required Geometry course during the summer between freshman and sophomore year. The summer Geometry option is only offered at the Honors level (#423) and is only available to students who meet the requirement to double-up at the Honors or Honors 1 level. This is a very rigorous course taught over four weeks during the summer. The compressed nature of this course means that students must be able to move quickly through content, take assessments very soon after material is presented, and spend a significant amount of time on homework outside of class time. Attendance is required at all classes (approximately 70 hours) and an additional fee is charged.

ALGEBRA II AND TRIGONOMETRY

432 Honors 1	Fulfills Requirement	All Year	Grade 9 **
430 Honors 1	Fulfills Requirement	All Year	Grade 10 or 11 **
436 Honors	Fulfills Requirement	All Year	Grade 9 **
433 Honors	Fulfills Requirement	All Year	Grade 10 or 11 **

Prerequisites: (432/436) Approval of Department Chairperson after successful performance on the Algebra I placement exam. (430/433) Successful completion of Algebra I at the same level with an average of 82.

This course focuses on the study of various functions – Quadratic, Polynomial, Exponential, Logarithmic, Rational, Radical, and Trigonometric. There is an emphasis on analyzing graphs of functions by transformations of their parent functions. A unit about Statistical Analysis is also included. In the fourth quarter of the school year, students are introduced to trigonometry, including right triangle trigonometry, trigonometric functions and graphs, and inverse trigonometric functions. This course enables students to make connections between math and other curriculum areas, improve logical thinking, and apply algebraic skills to solve and interpret real life problems.

ALGEBRA II

434 College Prep 1	Fulfills Requirement	All Year	Grade 11 **
435 College Prep	Fulfills Requirement	All Year	Grades 11 **

Prerequisite: Successful completion of Algebra I at the same level.

This course focuses on the study of various functions – Quadratic, Polynomial, Exponential, Logarithmic, Rational, and Radical. There is an emphasis on analyzing graphs of functions by transformations of their parent functions. A unit about Statistical Analysis is also included. This course

enables students to make connections between math and other curriculum areas, improve logical thinking, and apply algebraic skills to solve and interpret real life problems.

PRE-CALCULUS

442 Honors 1	Fulfills Requirement	All Year	Grades 11-12 **
443 Honors	Fulfills Requirement	All Year	Grades 11-12 **

Prerequisite: Successful completion of Algebra II & Trig (82 or better) at the same level with department approval.

The major emphasis in this course is the examination of the number systems and the study of the functions. The content, therefore, comprises the algebra of real numbers, vectors, complex numbers, polynomial, exponential and logarithmic functions, the circular functions and trigonometry, mathematical induction, sequences, series and limits as well as an introduction to Calculus.

PRE-CALCULUS/TRIGONOMETRY

448 College Prep 1	Fulfills Requirement	All Year	Grades 11-12 **
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Prerequisites: Completion of Algebra II & Trig Honors (433/436), or successful completion (82 or better) of Algebra II College Prep 1 (434).

The first semester covers all the topics in trigonometry including ratios, identities, graphs and problems. The second semester is a study of real number functions including direct and indirect variation, conic sections, exponential and logarithmic functions and matrices.

INTRO TO PRE-CALCULUS/TRIG

454 College Prep 1	Fulfills Requirement	All Year	Grades 11-12 **
455 College Prep	Fulfills Requirement	All Year	Grade 12 **

Prerequisite: (454) Successful completion of Algebra II College Prep 1 with a 75 average. (455) Successful completion Algebra II College Prep (435).

This course consists of one semester of trigonometry including trig functions, identities, circular functions, inverse trig functions and the solution of triangles. This course also offers a semester of Pre-calculus topics including exponential and logarithmic functions, probability and statistics.

ADVANCED PLACEMENT CALCULUS AB

481 Advanced Placement	Fulfills Requirement	All Year	Grade 12 **
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Prerequisites: Completion of Pre-Calculus Honors 1 (85 or better) or completion of Pre-Calculus Honors (92 or better) and approval of the Department Chairperson. All students enrolled in #481 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

This course covers all the material in a traditional introductory Calculus course. With graphing technology, the students are able to approach the material through analytical, numerical, and graphical methods. Topics include the study of limits and continuity, finding derivatives of functions, and applications of derivatives. Integration and its applications are studied in the second semester. Also covered are transcendental functions, growth and decay applications, and optimization problems. Emphasis is on theory as well as on applications. The course is directed toward the serious math student.

CALCULUS

482 Honors 1

Fulfills Requirement

All Year

Grade 12 **

Prerequisites: Successful completion of Pre-Calculus Honors 1 or successful completion of Pre-Calculus Honors with an average of 85 or better and approval of the Department Chairperson.

Students in this course are not required to take the College Board Advanced Placement examination in May, but may choose to take it if they so desire. Students must pay the fee associated with this exam.

As in Advanced Placement Calculus, this course covers all the material in a traditional introductory Calculus course. With graphing technology, the students are able to approach the material through analytical, numerical, and graphical methods. Topics include the study of limits and continuity, finding derivatives of functions, and applications of derivatives. Integration and its applications are studied in the second semester. Also covered are transcendental functions, growth and decay applications, and optimization problems.

CALCULUS

483 Honors

Fulfills Requirement

All Year

Grade 12 **

Prerequisite: Successful completion of Pre-Calculus Honors, or completion of Pre-Calculus College Prep 1 with an average of 80 or better, and the approval of the Department Chairperson.

This course covers the material of a traditional Calculus course with less emphasis on the theory that is covered in the Calculus Honors 1 course. The graphing calculator is incorporated into the teaching and application of all topics thus making use of visual support for the methods used.

AP STATISTICS

489 Advanced Placement

Fulfills Requirement

All Year

Grade 12 **

Prerequisites: Successful completion of Pre-Calculus Honors 1 or Pre-Calculus Honors with an 85 average and approval of the Department Chairperson.

All students enrolled in #489 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

This course will cover all topics in the AP Statistics curriculum. Emphasis is placed on the application of statistics to problems in science, biology, economics, and the social sciences. Students are expected to do statistics projects that involve gathering data on a subject of interest and performing a statistical analysis. Topics covered include analyzing and graphing data, correlations and linear regression, the normal distribution, designing statistical experiments, probability, confidence intervals, hypothesis testing, sampling distributions, and comparing sets of data. Graphing calculators will be used extensively.

STATISTICS

487 Honors

Fulfills Requirement

All Year

Grades 11-12 **

Prerequisites: Successful completion of (80 or above) or concurrent enrollment in Precalculus Honors or Honors 1, or Precalculus CP1 with approval of the department chair. If a student will be taking Precalculus concurrently with Honors Statistics, the student should have a minimum average of 82 in Algebra II & Trigonometry Honors (433/436) or 87 in Algebra II CP1 (434).

Emphasis is placed on the application of statistics to better understand topics in science, business, economics, education and the social sciences. Students are expected to do statistical assignments that involve gathering data on a subject of interest and performing a statistical analysis. Topics covered include fundamental elements of descriptive and inferential statistics including analyzing and graphing

data distributions, correlations and regression, the normal distribution, designing statistical experiments, probability, sampling distributions and significance testing. Graphing calculators or web-based statistical software will be used extensively.

STATISTICS

491 College Prep 1 **Fulfills Requirement** **All Year** **Grade 12 ****

Prerequisites: Successful completion of or concurrent enrollment in Pre-Calculus Honors or College Prep 1 or Introduction to Pre-Calculus College Prep 1.

This course is designed for students who do not meet the prerequisites for, or do not choose to take Calculus. The course includes data collection and analysis, probability theory, estimation and hypothesis testing. This course will focus on the statistical thinking behind data graphing and interpretation that reflects the way working statisticians contribute to our understanding of the world. This thinking will enable students to learn what the numbers from surveys, polls, and studies are really saying.

SAT TEST PREP

919 (Traditional)	Required	Semester	Grade 10 or 11
920 (Summer)	Option	Summer	Grade 11
921 (Online)	Option	Semester	Grade 10 or 11

This course familiarizes the student with the format of the SAT examination and emphasizes the development of standardized test taking strategies. Writing skills and critical reading comprehension are stressed, and a review of arithmetic, algebra, and geometry is presented. Students take practice exams several times over the course of the semester and are provided with resources for independent, personalized development of skills. Students will be assigned an English teacher for one quarter and a mathematics teacher during the other quarter. Students in grade 10 are assigned to SAT Test Prep classes in the Spring semester only. **This is a Pass/Fail course.**

Two options are provided for students who wish to fulfill their SAT Test Prep requirement outside of the regular school day.

- The “Summer” option is a 2 week program (30 total hours) that takes place in July and/or August. Attendance is mandatory for all 10 days. This option is only open to rising juniors.
- The “Online” option is an alternative to our traditional face-to-face course during the school year. The course is conducted entirely online during a single semester. There is no face-to-face class meeting time. Google Classroom is the primary platform for the course.
- These options are designed to provide more room in the school year schedule for electives. Sophomores and juniors are still required to enroll in 6.5 credits of classes during the school day. The optional format courses will NOT count towards this 6.5 credit daily minimum.
- Since these two options are credits taken outside of school hours, there is a fee associated with enrollment.

COMPUTER SCIENCE ELECTIVES

INTRODUCTION TO COMPUTER PROGRAMMING

478 Honors

Elective

All Year

Grades 9-12

Students will develop the logical thinking and skills needed to program using Visual Basic, Python and other introductory languages.

TECHNIQUES OF COMPUTER PROGRAMMING

485 Honors 1

Elective

All Year

Grades 10-12

Prerequisites: Successful completion of Introduction to Computer Programming (478) or successful completion of Algebra I or II (H or H1) with a grade of 90 or above.

This course introduces the student to the discipline and structure of OOP (Object-Oriented Programming) using C++. The course provides the student with an opportunity to develop advanced skills along various branches of computer programming. Topics include variables, memory concepts, branches, loops, arrays, creating functions, classes, objects, constructors and pointers. This course (or 492) is a prerequisite for AP Computer Science A.

ADVANCED TECHNIQUES IN COMPUTER PROGRAMMING

492 Honors 1

Elective

All Year

Grades 10-12

Prerequisites: Successful completion of Introduction to Computer Programming (478) or Techniques of Computer Programming (485).

This course introduces the student to programming with Java. The course provides an opportunity for students to continue to develop the logical thinking processes and problem solving experiences required of computer programmers and app developers. This course (or 485) is a prerequisite for AP Computer Science A.

AP COMPUTER SCIENCE A

493 Advanced Placement

Elective

All Year

Grades 11-12

Prerequisites: Completion of Techniques of Computer Programming (485) or Advanced Techniques in Computer Programming (492) with at least 90 average. **All students enrolled in #493 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.**

This course is equivalent to a first-semester, college-level course introducing students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using the Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. Students who enroll in this course may be required to bring a personal laptop to class on a regular basis.

FUNDAMENTALS OF TECHNOLOGY IN EDUCATION - I

495

Elective

Semester

Grades 9-10

The purpose of this course is to provide students with the technical foundation to obtain proficiency using Google, Apple and Microsoft products. This project based course will allow students to earn universally recognized badges and to become knowledgeable in each of three environments with a

focus on core applications, software and hardware as it relates to their education. Students who enroll in this class will become more knowledgeable about the functionality of the iPad, Google/Apple applications and the Office 365 suite of products.

FUNDAMENTALS OF TECHNOLOGY IN EDUCATION - II

496

Elective

Semester

Grades 10-12

Prerequisites: Successful completion of Principles of IT – I or Fundamentals of Technology in Education I (495)

The purpose of this course is to provide students with advanced technical skills and real world application of Google, Apple and Microsoft products. This project based course will allow students to earn universally recognized certifications and to become fluent in each of three environments. Students who enroll in this class will work toward becoming Apple Certified, Google Certified and demonstrate advanced skill sets using Windows 10.

WORLD LANGUAGES:

Students must complete a minimum graduation requirement of a three consecutive years in one language at the high school level. However, a fourth year or beyond is recommended for students applying to top tier colleges and universities. Department approval is required for students to elect the fourth and fifth years of a world language or Advanced Placement language. All world language courses, with the exception of American Sign Language, can be counted towards the minimum senior credit requirement of 6.0 credits.

Latin is recommended as an elective and may be taken in Grades 11 and 12; however, it does not fulfill the minimum three-year world language requirement. The online American Sign Language course may also be taken as an elective but does not fulfill the language requirement for graduation.

An additional course fee is required for online courses. Please be advised that fees are subject to change.

A request to move up a level will not be considered by the Department Chairs without a yearly average greater than 96 and teacher approval.

FRENCH I

511 Honors 1	Fulfills Requirement	All Year	Grades 9-12
591 Honors	Fulfills Requirement	All Year	Grades 9-12
512 College Prep 1	Fulfills Requirement	All Year	Grades 9-12
513 College Prep	Fulfills Requirement	All Year	Grades 9-12

This introductory course emphasizes the development of listening, speaking, reading, and writing skills in French. Frequent listening comprehension and speaking activities enable the students to begin to understand spoken French and to communicate basic information and needs. Students start to develop their reading skills by obtaining information from authentic materials and cultural readings. Writing activities include conversations, emails, short essays, and writing letters. An important cultural part of the course involves introducing students to France and the French-speaking world.

FRENCH II

521 Honors 1	Fulfills Requirement	All Year	Grades 9-12
592 Honors	Fulfills Requirement	All Year	Grades 9-12
522 College Prep 1	Fulfills Requirement	All Year	Grades 9-12
523 College Prep	Fulfills Requirement	All Year	Grades 9-12

Ongoing development of the four language skills of listening, speaking, reading and writing is the goal of second year French. Learning to narrate events in the past in spoken and written French is an important objective of this course. Students will continue to explore the Francophone world, especially modern life in French speaking Canada and Europe.

FRENCH III

531 Honors 1	Fulfills Requirement	All Year	Grades 10-12
590 Honors	Fulfills Requirement	All Year	Grades 10-12
532 College Prep 1	Fulfills Requirement	All Year	Grades 10-12
533 College Prep	Fulfills Requirement	All Year	Grades 10-12

Proficiency in listening, speaking, reading, and writing is the goal of French III. Students learn to express themselves by using a variety of tenses. In addition, they learn to incorporate idiomatic expressions in their speaking and writing. Students in all levels continue to study the contemporary cultures of the French-speaking world. The 533 College Prep section of this level is a class that focuses specifically on aspects of French culture around the world. Students in this section will learn about different cultures, histories, celebrations, and other aspects of French heritage in addition to continuing to study grammar and vocabulary.

FRENCH IV

541 Honors 1	Elective	All Year	Grades 11-12
540 Honors	Elective	All Year	Grades 11-12
542 College Prep 1	Elective	All Year	Grades 11-12

Communication skills, both oral and written, are emphasized in French IV. Grammatical topics are presented with stress on conventional and familiar language. Authentic literary selections from the Francophone world are studied. The study of French culture will include exposure to French artists, films, and famous French museums.

FRENCH V

551 Honors 1	Elective	All Year	Grade 12
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Prerequisite: Successful completion of French IV Honors 1 or French IV Honors and recommendation of French teachers.

Spontaneous conversation and original oral and written production are further developed. Vocabulary and grammar are reviewed and practiced in context. Cultural topics are explored as students continue to read a variety of sources from the French-speaking world, listen to videos, podcasts, and watch French Language films. Additionally, students will complete online assessments as well as a yearlong autobiographical project which includes writing, images and French narration in an electronic format.

SPANISH I

514 Honors 1	Fulfills Requirement	All Year	Grades 9-12
570 Honors	Fulfills Requirement	All Year	Grades 9-12
515 College Prep 1	Fulfills Requirement	All Year	Grades 9-12
516 College Prep	Fulfills Requirement	All Year	Grades 9-12

This introductory course emphasizes the development of the listening, speaking, writing and reading skills in Spanish. Listening comprehension and speaking activities enable the students to communicate basic information and needs. Students develop reading skills by obtaining information from authentic materials and learn to write in a well-organized manner in Spanish on a familiar topic. Hispanic cultures both in the United States and throughout the world are introduced.

SPANISH II

524 Honors 1	Fulfills Requirement	All Year	Grades 9-12
571 Honors	Fulfills Requirement	All Year	Grades 9-12
525 College Prep 1	Fulfills Requirement	All Year	Grades 9-12
526 College Prep	Fulfills Requirement	All Year	Grades 9-12

Continued development of the four basic skills of listening, speaking, reading, and writing is the goal of second year Spanish. Learning to narrate past and future events is an important objective of this course. Students continue to study the Hispanic world and Hispanic figures, including writers, performers and artists.

SPANISH III

534 Honors 1	Fulfills Requirement	All Year	Grades 10-12
572 Honors	Fulfills Requirement	All Year	Grades 10-12
535 College Prep 1	Fulfills Requirement	All Year	Grades 10-12
536 College Prep	Fulfills Requirement	All Year	Grades 10-12

The objective of Spanish III is to build on the skills developed in the first two years while encouraging creativity and originality in the student's written and oral expression. Authentic readings, podcasts and videos provide the basis for developing practical communication skills. Various aspects of Spanish life and culture are studied. Emphasis is on continued development of past and future narration and expression in hypothetical situations. Daily conversation and frequent compositions are integral components of the course. The 536 College Prep section of this level focuses specifically on aspects of Hispanic culture around the world. Students in this section will learn about different cultures, histories, celebrations, and other aspects of Hispanic heritage in addition to continuing to study grammar and vocabulary.

SPANISH IV

543 Honors 1	Fulfills Requirement	All Year	Grades 11-12
593 Honors	Fulfills Requirement	All Year	Grades 11-12
545 College Prep 1	Fulfills Requirement	All Year	Grades 11-12
546 College Prep	Fulfills Requirement	All Year	Grades 11-12

The emphasis of this course is placed upon developing accuracy and originality in speaking and writing. Students are introduced to Spanish language literature through a variety of short stories and poetry. Acquired proficiency in hypothetical situations is expanded and there is continued emphasis on vocabulary thematic expansion. Daily conversations, oral presentations, and compositions are integral components of this course.

HISPANIC CULTURE IN FILM

502 College Prep 1	Elective	Semester	Grade 12
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This course will use Hispanic movies in order to tie together the grammar and vocabulary along with cultural themes as presented through authentic Hispanic cinema. Historically and culturally relevant topics will be explored through the use of movies set in different Hispanic countries. The primary emphasis of this class will be cultural norms in different Hispanic countries; additionally, grammar and vocabulary will play a large role in discussions and comprehension of the movies as these movies are all in Spanish. Assessment will vary from quizzes, creating alternate endings to movies, a final project instead of a final exam, presentations, and journal entries. Prerequisite is an 80 or higher in a Spanish 3 class.

SPANISH V

554 Honors 1	Elective	All Year	Grade 12
557 Honors	Elective	All Year	Grade 12

Students continue their study of Spanish literature while learning to communicate ideas and opinions orally and in writing. Students focus on complex grammatical topics and continued expansion of current vocabulary. This course reflects some aspects of the Advanced Placement Program in Spanish Language.

AP SPANISH LANGUAGE:

555 Advanced Placement **Elective** **All Year** **Grade 12**

Prerequisite: Successful completion of Spanish IV H, IV H1 or Spanish V H or V H1 with an 85 average and approval of the Department Chairperson. All students enrolled in #555 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

This course is a rigorous fifth year course whose primary goal is to help students in upper-level Spanish succeed in the language classroom and, more, importantly, the world around them. As defined by the College Board, successful students in the advanced language course should “demonstrate an understanding of the culture(s), incorporate interdisciplinary topics (Connections), make comparisons between the native language and the target language and between cultures (Comparisons) and use the target language in real-life settings (Communities).” The course is designed to prepare the student for successful completion of the Advanced Placement Spanish Language and Culture examination given at the end of the year for college credit. A secondary goal is to increase cultural awareness of Spanish-speaking communities both in the US and by means of the study of current events and global issues by means of the six Global themes of the AP Spanish curriculum.

LATIN I

518 Honors 1 **Elective** **All Year** **Grades 11-12**

519 College Prep 1 **Elective** **All Year** **Grades 11-12**

This course presents a reading approach to the study of Latin. Students translate stories that reflect Roman culture, history, and mythology. Grammar is studied in the context of the stories. Consistent emphasis is given to English words that are derived from Latin. Seniors may use this course to fulfill their 6-credit requirement for senior year.

MANDARIN CHINESE III

520 Honors **Elective** **All Year** **Grade 11-12**

Prerequisite: Successful completion of Mandarin Chinese II.

Continued development of the four skills of listening, speaking, reading, and writing is the goal of Mandarin Chinese III as well as proficiency in character writing and pinyin. Students learn to express themselves by using a variety of tenses. In addition, they continue to incorporate idiomatic expressions in their speaking and writing. Students will explore more of the Chinese language and culture. This course will run concurrently with Mandarin Chinese IV.

MANDARIN CHINESE IV

530 Honors **Elective** **All Year** **Grade 11-12**

Prerequisite: Successful completion of Mandarin Chinese III.

Continued development of the four skills of listening, speaking, reading and writing is the continuing goal of Mandarin Chinese III as well as proficiency in character writing and pinyin. Students continue to express themselves by using a variety of tenses. They will continue to integrate idiomatic expressions into their speaking and writing and begin to recognize them in readings. Students will continue to explore Chinese language, history and culture. This course will run concurrently with Mandarin Chinese III.

AMERICAN SIGN LANGUAGE <www.signingonline.com>

503

Elective

All Year

Grades 10-12

Prerequisite: All requirements for enrolling in an online course (listed below) must be met. Approval of the Department Chairperson is also required. This is a Pass/Fail course. There is a fee associated with taking this course.

This course is an interactive, independent study, web-based course, designed to effectively teach the student basic American Sign Language at his/her own pace. The course will focus on conversational ASL and make extensive use of digital video to demonstrate the visual nature of signing. Each term, the student will be expected to complete approximately ten online lessons on his/her home computer, and then take an exam at the end of the quarter. In addition, during the first semester, students will be required to demonstrate knowledge of 10 words and/or phrases selected from the first two quarters. During the second semester, students will be required to demonstrate knowledge of 10 words and/or phrases selected from the third and fourth quarters. A list of possible words or phrases will be provided.

The study of American Sign Language online offers students the unique opportunity to learn ASL in a non-traditional format. **ASL is an elective course, which is in addition to other yearly course requirements.** Any student wishing to participate in American Sign Language must meet the following requirements:

- All students must have maintained an 85 average in their current world language course.
- A candidate must submit a completed recommendation form for an online class from their present world language teacher **and** their guidance counselor. This form is available from the World Language Department Chairperson and must be submitted to the Department Chairperson **at the time of general course selection**
- The student must be able to attend a class at least once per cycle in the language lab to be arranged with the online facilitator.
- **Students and parents must also sign an online studies contract that outlines the requirements and the expectations of the American Sign Language Course.**
- A course fee will be required for the ASL course. All fees are non-refundable and must be paid by the deadline on the yearly student contract.

SOCIAL STUDIES

A three-year program in Social Studies (1.5 years of World History and 1.5 years of United States History) is required. Grade 9 students take a full year of World History. Grade 10 students complete World History in the first semester and begin U.S. History in the second semester. Grade 11 students complete the Social Studies requirement with a full year of U.S. History. Qualified students may elect AP U.S. History to fulfill the grade 11 U.S. History requirement. **GRADE 10 students** who chose to “double-up” in Geometry and Algebra II must delay their Social Studies program of study by one year, completing the requirement in their senior year.

In order to be considered for a CORE class level change for the next year, the student must attain a 93 average for the semester through midterm grades and have recommendations from BOTH present and former teachers. If a student requests to be considered for a semester elective that is leveled above their current social studies course approval requires BOTH present and former teacher recommendation.

WORLD HISTORY – PART 1

612 Honors 1	Required	All Year	Grade 9
613 Honors	Required	All Year	Grade 9
614 College Prep 1	Required	All Year	Grade 9
615 College Prep	Required	All Year	Grade 9

This course is a geographical survey designed to provide students with a global, historical, and contemporary understanding of the formation of civilizations. The span of topics covers the ancient civilizations up to the western Age of Absolutism, and aims to provide an understanding of how the past affects the present, while considering society’s response to the successes and failures of the past.

WORLD HISTORY – PART 2 & U.S. HISTORY – PART 1

622 Honors 1	Required	All Year	Grade 10
623 Honors	Required	All Year	Grade 10
624 College Prep 1	Required	All Year	Grade 10
625 College Prep	Required	All Year	Grade 10

The first semester of this course (WH II) is designed to provide students with a global, historical, and contemporary understanding of the time period from the French Revolution to the Russian Revolution. The major events of modern history are presented through a chronological approach emphasizing the effects of past events upon the present. The second semester of this course (US I) surveys the beginnings and growth of the United States as reflected in key political, social, economic, and cultural events of the period from 1607 to 1850. The major concentration of this course is the formation and structure of the United States government, the Constitution, and the individuals who played major roles in establishing and maintaining the principles on which our nation was built. Topics include the growth of the nation and the progression from nationalism, to sectionalism, to the Civil War.

U.S. HISTORY – PART 2

604 Honors 1	Required	All Year	Grade 11
605 Honors	Required	All Year	Grade 11
606 College Prep 1	Required	All Year	Grade 11
607 College Prep	Required	All Year	Grade 11

This course presents a comprehensive history of the period 1850 to the late 20th century and takes a chronological approach to events and ideas of the past and their influence on the present. The struggles and accomplishments of all Americans, including diverse ethnic and minority groups, will be examined in depth. The ultimate objective of the course is to provide students with a broad appreciation of their heritage so as to be informed and effective citizens.

ADVANCED PLACEMENT U.S. HISTORY

621 Advanced Placement **Fulfills Requirement** **All Year** **Grades 11-12***

*Prerequisites: Students must have earned a minimum cumulative average of 90 in their Social Studies Honors 1 CORE courses, or a minimum cumulative average of 93 in their Social Studies Honors CORE courses with the approval of their Social Studies teachers, and the approval of the Department Chairperson. *Seniors who have not yet fulfilled their U. S. History requirement may enroll in this course to complete their graduation requirement. Seniors who have completed their U.S. History requirement may not enroll in this class as an elective. All students enrolled in #621 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.*

This course is for students with superior verbal ability and a strong interest in history. It requires high motivation and an ability to write cogently, coherently, and analytically. Students must also be able to acquire knowledge from varied sources as necessary. The course requires extensive reading assignments and numerous papers and essays. The course surveys the key political, social, economic, and cultural events from the Age of Exploration to the present. The areas of concentration include Colonial America, the American Revolution, the development of the Constitution, the Jacksonian Era, Civil War, Reconstruction, the Populist and Progressive Movements, WWI, the Twenties, the Great Depression, the New Deal, WWII, and the Cold War and its aftermath.

SOCIAL STUDIES ELECTIVES

U.S. CONTEMPORARY HISTORY

632 Honors 1 **Elective** **Semester** **Grades 12**
634 College Prep 1 **Elective** **Semester** **Grades 12**

Prerequisite: Successful completion of U.S. History.

This course is designed to provide a better understanding of the United States' role in the world from 1945 to the present. Topics researched and discussed in depth include: the historic civil rights movements, events of the Cold War, pop culture, and terrorism in today's world.

CONTEMPORARY WORLD STUDIES

636 Honors 1 **Elective** **Semester** **Grade 11-12**
637 College Prep 1 **Elective** **Semester** **Grade 11-12**

Prerequisites: Completion of World History II.

This course will examine major historical themes that have occurred around the world since the conclusion of World War I. While this course is intended to provide a strong European base of knowledge to the student, an examination of events in Africa, the Middle East, Asia and Latin America will be considered. Issues related to forms of government, ethnic genocide, nationalism, decolonization and terrorism will be considered (amongst many others) in this class. Furthermore, the significance of the environment, science, disease, technology and religion will be considered in contemplating 21st century and futuristic problems.

SPORTS IN AMERICAN HISTORY

638 College Prep 1

Elective

Semester

Grades 11-12

This course journeys from the early American past to the present to give students a compelling grasp of the historical evolution of American sporting practices. This text provides students with insights that will allow them to develop new and alternative perspectives, examine sport as a social and cultural phenomenon, generate a better understanding of current sport practices, and consider future developments in sport in American life.

IRISH HISTORY

639 Honors 1

Elective

Semester

Grades 11-12

This course will take a comprehensive look at the history of Ireland and her citizens. The course will begin by examining basic Irish geography and studying the impact King Henry VIII and the Protestant Reformation had on Ireland. The course will then fast forward to about 1800 and survey the rise of Daniel O’Connell and the beginnings of the Home Rule movement. The course will culminate by exploring the present conflicts that still exist between Ireland, Northern Ireland, and England. Some of the key topics that will be discussed in between are the Irish Potato Famine, nativism and Anti-Irish sentiment early Irish-Americans felt in the U.S., and the complicated relationship between Ireland and Great Britain.

AP EUROPEAN HISTORY

641 Advanced Placement Elective

All Year

Grades 11-12

*Prerequisite: Successful completion of cumulative CORE graduation requirements (World History I and II if a rising junior plus US History I/II if a rising senior) at the Honors 1 level with an average grade of 90 and approval of Department Chair. Students who have successfully completed cumulative CORE graduation requirements (World History I and II if a rising junior plus US History I/II if a rising senior) courses at the Honors level with an average grade of 93 require approval of previous Social Studies teachers and the Social Studies Department Chair. **All students enrolled in #641 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.***

AP European History is designed to be the equivalent of a two-semester introductory college or university European history course. In AP European History students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity.

WORLD GEOGRAPHY

650 Honors 1

Elective

Semester

Grades 11-12

Prerequisites: College Prep 1 and College Prep students must obtain the permission of the Department Chair to enroll in this course.

This course will provide students with an opportunity to understand the geography of our world. Utilizing the five themes of geography, students will analyze and evaluate the location and

characteristics of places, cultures, and settlements. This analysis will help students become more competitive in the global marketplace.

LEGAL PROCEDURES

654 College Prep 1 **Elective** **Semester** **Grades 11-12**

This course explores the foundations of business law as well as the application of legal concepts to everyday life. Contract, criminal, environmental and family law will be covered along with consumer protection.

ADVANCED PLACEMENT PSYCHOLOGY

661 Advanced Placement **Elective** **All Year** **Grades 11-12**

Prerequisites: Students must have earned a minimum cumulative average of 90 in their Social Studies Honors 1 CORE courses, or a minimum cumulative average of 93 in their Social Studies Honors CORE courses with the approval of their Social Studies teachers, and the approval of the Department Chairperson. All students enrolled in #661 are required to take the Advanced Placement Examination for this course in May. Students must pay the fee associated with this exam.

Defined as the “scientific study of behavior and mental processes”, psychology seeks to answer the “how” and “why” of both thought and action from a research-based perspective. This course provides an introduction to psychology at a college level, and holds students to rigorous academic standards. Some topics covered include: Biology of Behavior, Development, Abnormal Psychology, Social Psychology, Memory, Motivation & Emotion, Sensation & Perception, Learning, and Therapy. At times, students will be required to independently study complex material and attend additional class sessions before school in order to adequately prepare for the AP Exam Deadline.

PSYCHOLOGY

663 Honors 1 **Elective** **All Year** **Grades 11-12**

664 College Prep 1 **Elective** **All Year** **Grades 11-12**

This course is an in-depth, challenging, and fascinating study of human behavior. Its purpose is to help students develop a greater self-awareness and understanding that will aid in setting realistic goals in developing a better understanding of self. Students will also be able to develop a better understanding of other people so as to function more effectively in particular social environments. Throughout the course various psychological concepts and theories will be studied. Some of these include: learning, intelligence, child development, personality, abnormal behavior, treatment, and therapies. Career opportunities in the fields of psychology will also be explored.

SOCIOLOGY

674 College Prep 1 **Elective** **Semester** **Grades 11-12**

This course studies the organization and structure of social groups. It seeks to determine the kinds and causes of variations in social structure and processes by which social life is maintained or changed.

ECONOMICS

687 Honors 1 **Elective** **All Year** **Grades 11-12**

693 Honors 1 **Elective** **Semester** **Grades 11-12**

688 College Prep 1 **Elective** **Semester** **Grades 11-12**

This practical Economics course introduces basic economic principles and current economic issues with a focus on the American economy. Students will examine components of the American economy such

as price, competition, business and banking institutions. We will also examine issues related to macroeconomics – as they relate to national and international issues and microeconomics – issues related to individuals and businesses. This course will introduce the following topics and questions to frame each topic: Supply & Demand; Money, Investment and Banking; International Trade & Exchange and Government intervention.

ECONOMICS II: MACROECONOMICS

680 Honors 1

Elective

Semester

Grades 12

Prerequisites: Successful completion of the Honors-1 level (all year or semester) Economics course (#687 or 693).

This course is a follow-up course to the Economics-H1 course. It introduces students to the field of economics via macroeconomics. Topics include basic concepts such as: efficiency; trade; supply, demand, and how markets function; taxes and price controls; inflation, and unemployment. It also explores how market/capitalist systems work and how countries can foster economic growth.

FINANCIAL LITERACY

681 College Prep 1

Elective

Semester

Grades 11-12

Financial Literacy YOU vs. The World will be an engaging hands-on course that will make use of video, animations and interactive activities to bring complex financial concepts to life. We will utilize the NEFE – National Endowment for Financial Education material. This High School Financial Planning Program (HSFPP) is a comprehensive, basic personal finance curriculum specifically designed to be relevant to the lives of teens. **(Class may not be taken concurrently with Economics I).**

U.S. GOVERNMENT AND POLITICS

689 College Prep 1

Elective

Semester

Grades 12

This course introduces students to the study of politics focusing on basic concepts, processes, and institutions. Emphasis is placed on government and politics of the U.S., examined in comparative perspective. Topics include the nature of constitutional democracy, ideology, parties and elections, and formation of public policy.

ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS

690 Advanced Placement

Elective

All Year

Grades 12

Prerequisites: Successful completion of AP US History or students must have earned a minimum cumulative average of 90 in their Social Studies Honors 1 CORE courses, which must include US History II, or a minimum cumulative average of 93 in their Social Studies Honors CORE courses (including US History II) with the approval of their Social Studies teachers, and the approval of the Department Chairperson. All students enrolled in #690 are required to take the Advanced Placement Exam for this course in May. Students must pay the fee associated with this exam.

The Advanced Placement course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course will include both the study of general concepts used to interpret U.S. politics, and the analysis of specific examples. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students will become acquainted with the variety of theoretical perspectives and explanations for the various behaviors and outcomes within U.S. politics. The following topics will be explored: Constitutional underpinnings of U.S. government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; public policy; civil rights and civil liberties.

FINE ARTS

The Fine Arts Department, which is comprised of Visual Arts and Performing Arts, offers elective courses that seek to inspire each student to develop his or her artistic talents in Visual Arts and Graphics, Vocal and Instrumental Music, Theatre Arts, and Dance. This program of studies is available all four years to all students. This includes the advanced student who plans to pursue his or her talent as a Visual or Performing Arts professional.

VISUAL ARTS

Our Visual Arts Curriculum is grounded in theory and built on a philosophy of exposure to a broad breadth of media and techniques. The curriculum is designed to present specific lessons in theory along with the presentation of a variety of media. Over four years, students are introduced to almost every media and technique appropriate for high school in both studio and graphics arts. As a student progresses, new and more challenging theory problems and media are presented. This study incorporates the use of technology, printed material, virtual art, and actual works during museum visits. This rigorous program strives to give each student a broad background in the field of art. It offers a mixture of traditional academic study with experimentation and creativity. Student work is exhibited in the Doran Gallery and our online gallery. All student work is eligible to be nominated and submitted to local, regional, and national contests such as Scholastic Arts and Art All-States.

The program also helps to prepare portfolios for students as they prepare for careers in art related fields. Students who plan to major in art or art-related fields in college are encouraged to enroll in visual art courses all four years.

FOUNDATIONS – STUDIO ART

711	Elective	All Year	Grades 9-12
712	Elective	Semester	Grades 9-12

Foundations of Studio Art is an introductory course for **first time high school visual arts students**. This course revolves around the basic integrating forces that serve as the foundation for all areas of art: the Elements and Principles of Design. Compositional and design theory are studied as students explore the fundamentals of drawing through experimentation with a variety of media and techniques. Methods of 2-dimensional and 3-dimensional production include, but are not limited to: drawing, painting, and sculpting. Visualization and conceptual thinking skills will be additionally strengthened with the integration of art history and digital photography.

FOUNDATIONS - MEDIA ARTS

759	Elective	Semester	Grades 9-12
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This is an introductory course for **first time high school visual arts students**. This course revolves around the basic integrating forces that underlie all techniques of art: the Elements and Principles of Design. Design and compositional theory are integrated with basic color theory to introduce the student to the techniques and aesthetics of producing art with the computer and related equipment. Students will produce works using the industry standard programs of Adobe PhotoShop using drawing

tablets and a stylus. The curriculum will build towards more conceptual and sophisticated projects from original digital photography and observation that encourage personal style.

STUDIO ART – PART A

731 Honors	Elective	All Year	Grades 10-12
732 Honors	Elective	Semester	Grades 10-12

Prerequisites: Successful completion of a Foundations course (either Studio or Graphics), or approval of Department Chairperson.

This course encompasses a variety of artistic techniques in relation to the genre of portraiture. Compositional and aesthetic skills will be further built upon as students learn how to successfully create a series of dynamic portraits using proper facial proportions and different media. Methods of production include, but are not limited to: printmaking, painting, drawing, and sculpting. Both observational and abstract skills are enhanced through the exploration of 2-dimensional and 3-dimensional works with references to art history.

STUDIO ART – PART B

741 Honors	Elective	All Year	Grades 10-12
742 Honors	Elective	Semester	Grades 10-12

Prerequisites: Successful completion of a Foundations course (either Studio or Graphics), or approval of Department Chairperson.

This course continues the use of advanced compositional theory such as reflections, transparencies, cast shadows, depth of field and point of view. Further work on techniques necessary to explore problems of greater complexity, both in terms of technical skill and compositional elements are introduced. Figure drawing classes introduce the basics. All previously taught media and techniques are now approached from the idea of self-expression and creativity. Lessons are augmented with field trips. References to art history, particularly the development of architecture and church design, will also be used to expand students' understanding of art.

SENIOR PORTFOLIO

752 Honors 1	Elective	All Year	Grade 12
753 Honors 1	Elective	Semester	Grade 12

In this senior course, students will have the opportunity to explore personal interests, techniques and style. Specific new techniques and new techniques and projects will be assigned. Projects will include, but not limited to: drawing, painting, sculpting, and craftwork. Students will be required to design and complete at least five high quality original works in the first three quarters and three in the last quarter. Students may also be preparing resumes and portfolios for college applications.

ADVANCED PLACEMENT ART

751 Advanced Placement	Elective	All Year	Grade 12
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Prerequisite: Approval of Department Chairperson. All students enrolled in #751 are required to take the Advanced Placement Examination in Studio Art. This examination consists of submitting a portfolio of twenty works to the College Board. Students must pay the fee associated with this exam.

This course follows the curriculum prescribed by the College Board for Advanced Placement and is designed to help students develop and begin to refine their own style and direction in the field of art. Much time is spent on refining portfolios for college in terms of: more challenging techniques, breadth of

works, and more in-depth, concentrated work of a specific subject. Students may choose to work in traditional studio materials as well as photography and digital drawing techniques. There are three portfolio choices: Drawing, 2D art and design and 3D art and design are possible. Advanced study requires that a significant amount of work be done outside of regular classes.

TV/MEDIA ARTS PRODUCTION

755

All Year

Grades 9-12

756

Semester

Grades 9-12

This course prepares students to meet the demands of a dynamic media landscape of Broadcast Journalism. Students will learn the roles of a television news crew by producing a weekly video magazine show called “Feehan TV” to air each week. Students will have a chance to learn all of the roles involved in producing a school-wide video news magazine show by rotating through positions throughout the course of the class. Students will explore the visual aspects of TV/Media production and learn about various filming techniques, sound capturing, and editing film. Over the course of the year, students will produce video for multiple projects, including video announcements, Santa Shop, the Spire, scholarship videos, and much more. Students will be exploring video production using digital video cameras, Adobe Premier Elements, and iMovie.

MEDIA ARTS – PART A: 3D DESIGN

760

Elective

Semester

Grades 10-12

Prerequisites: Successful completion of a Foundations course (either Studio or Media, formerly Graphics), or approval of Department Chairperson.

This course teaches the process of 3D digital hard surface design using the fundamental skills needed to visually create both realistic and imagined art. Through lectures, demonstrations, video tutorials, and projects students will discover the practical applications of 3D visualization used in fields like video game concept design and architectural design. The projects will range from designing detailed realistic interior and exterior spaces to imaginative and fictional settings. Industry grade design programs, 3D printers, and 3D headsets are provided to help students enhance the realism of their creations. With access to this equipment, students have the opportunity to practice a current architectural method of designing a space in 3D and virtually “walking into” their model with 3D glasses and the capability of printing their 3D creations.

MEDIA – PART B: ANIMATION

769

Elective

Semester

Grades 10-12

Prerequisites: Successful completion of a Foundations course (either Studio or Media, formerly Graphics), or approval of Department Chairperson.

This visual-media art course introduces the fundamentals of animation. Throughout the course, students will be introduced to the basic principles, techniques, and tools of animation. The course will begin with traditional 2D animation then progress to intermediate digital animation, utilizing the programs strengths in being both a vector based program, as well as a digital animation program. At the end of the course students will become proficient in animation, and will be creating short, complete 2D animations throughout the semester.

MEDIA – PART C: VIDEO PRODUCTION

770

Elective

Semester

Grades 10-12

Prerequisites: Successful completion of a Foundations course (either Studio or Media, formerly Graphics), or approval of Department Chairperson.

This visual-media arts course explores the basics of filmmaking with a heavy focus on compositing and effects. This course focuses on the essential skills of filmmaking: storyboarding, scripting, cutting, and compositing. Students will be introduced to a variety of filming techniques, including instruction on shooting techniques, tracking techniques, compositional skills, visual effects, color grading, and editing. The course employs industry standard programs for cutting and editing. Ownership or use of a digital video camera or capable camera phone is recommended.

MEDIA – PART E: PRODUCTION STUDIO

773 Honors **Elective** **All Year** **Grades 11-12**

774 Honors **Elective** **Semester** **Grades 11-12**

Prerequisites: Successful completion of Media A, B and C, formerly Graphics A, B and C, or approval of Department Chairperson.

This course will allow the serious graphics student to develop advanced knowledge in the graphics medium of their choosing. Students will learn the steps and skills needed to complete a long-term project of their personal design. Students will create and follow a production plan using Microsoft Excel, which will be used for the duration of their project. This course is designed to prepare the student for production work in college. Creation of assets, maintaining a strict timeline and work ethic will all play a part in critique and evaluation.

YEARBOOK-PART A – PUBLISHING, LAYOUT, & DESIGN

745 **Elective** **All Year** **Grades 10-12**

746 **Elective** **Semester** **Grades 10-12**

This course provides an introduction to desktop publishing software capabilities. Emphasis is on the efficient use of page layout software to create, design, and print publications. Upon completion of this course, students will have created the school yearbook, FLASHBACK. Students will use online and desktop design software. Students will understand the process of creating a book as well as how the elements and principles of design factor into page layouts. This course provides the opportunity for learning the processes of creating, editing, revising, and typography.

YEARBOOK-PART B – ADVANCED PUBLISHING, LAYOUT, & DESIGN

747 **Elective** **All Year** **Grades 11-12**

748 **Elective** **Semester** **Grades 11-12**

Prerequisites: Successful completion of one of the elective Yearbook Part A courses.

This course provides a continuation of the desktop publishing concepts introduced in Yearbook Part A. Emphasis is placed on more in depth use of the page layout software to create, design, and print publications. Upon completion of this course, students will have had a more prominent part in the creation of the school yearbook, FLASHBACK. Students will use online and desktop design software. Students will understand the process of creating a book as well as how the elements and principles of design factor into page layouts. This more advanced course prepares students to use the processes of creating, editing, revising, and typography in their future.

PERFORMING ARTS

The Performing Arts program is designed to instill and promote in students a love of performing. From ensemble performing groups to solo opportunities, our students are trained, nurtured, and promoted to live performance. College bound students who plan to major in music, theater, and dance receive advanced training. The Music component of the Performing Arts program consists of the study of vocal and instrumental music including theory, voice class, percussion class, music technology, and music history. The musical performing groups are required to partake in a Christmas, Spring, and Pops Concert each year. Our students graduate well-trained to participate in music at the college level. The Theatre component of the program consists of the study of all facets of technical theatre work: acting, directing, set design, choreography, blocking, and limited lighting. Two performances are required each year. The Dance component consists of the study of Ballet, Modern Dance, Tap, and Social Dancing/Partner Dancing.

Music students accepted into the Honors level performance ensembles will be selected by departmental approval. The students in these ensembles will be expected to independently pursue opportunities for personal musical growth over the course of the school year and will be expected to satisfactorily complete specific graded projects. Participation in specific extracurricular activities may be mandatory for Honors level performing arts courses. Detailed semester requirements are available from the music department faculty.

Course marked with a (♫) symbol require participation in one or more graded performances outside of the school day.

VOCAL MUSIC

CHORUS ♫

703 Honors 1	Elective	All Year	Grades 10-12
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Prerequisite: At least 2 semesters of Chorus or Girl's Glee. No audition necessary.

761	Elective	All Year	Grades 9-12
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762	Elective	Semester	Grades 9-12
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This vocal ensemble is a course offered to both male and female singers who wish to develop their choral skills. Students will improve their sight-singing and basic music theory skills through a variety of activities both in and out of class. Both sacred and secular music will be performed, including traditional and contemporary vocal music. Requirements include attendance at all scheduled rehearsals and performances, including but not limited to Open House, Christmas Concert, Spring Concert, Pops Night, at least two concerts during the school day, and some Monday Night Chorus rehearsals. Students who are enrolled in this course will become eligible to audition for the Southeastern Massachusetts Senior or Junior District Festival.

GIRLS' GLEE CLUB 🎵

704 Honors 1 **Elective** **All Year** **Grades 10-12**

Prerequisite - at least 2 semesters of Chorus or Girls Glee - no audition necessary

763 **Elective** **All Year** **Grades 9-12**

764 **Elective** **Semester** **Grades 9-12**

Girls' Glee Club, Ragazze, is offered to provide an opportunity for interested girls to perform in a women's vocal ensemble. Both sacred and secular music will be performed with an emphasis on learning varied and challenging repertoire. Students enrolled in this course will learn music for Chorus in addition to learning pieces for this ensemble and will participate in all concerts. Students will learn healthy vocal techniques and improve their sight-singing and basic music theory skills through a variety of activities both in and out of class. Students who are enrolled in this course will become eligible to audition for the Southeastern Massachusetts Senior District (Grades 10-12) or Junior District (Grade 9) Festival.

JAZZ CHOIR 🎵

705 Honors 1 **Elective** **All Year** **Grades 10-12**

Prerequisite - at least 2 semesters of Chorus or Girls Glee - no audition necessary

757 **Elective** **Full Year** **Grades 10-12**

758 **Elective** **Semester** **Grades 10-12**

Prerequisite: Audition & Departmental Approval and at least 1 semester of Chorus or Girls Glee.

This group vocal course is designed for the advanced singer who to further improve their skills. The course will focus primarily on the jazz genre but will occasionally include music from the pop repertoire as well. Students will learn about the origins of jazz music, the jazz & blues scales, jazz harmonies, improvisation (scatting) as well as improve their sight-singing and ensemble singing. Students will be required to perform at the Winter, Spring and Pop Concerts, along with other out of school performance opportunities. Students who take this course in the Fall Semester are also eligible and strongly encouraged to audition for the Southeastern Massachusetts Senior District Festival in November. All course materials will be provided by the teacher.

MUSICAL THEATRE VOCAL WORKSHOP

766 **Elective** **Semester** **Grades 9-12**

Do you love singing musical theatre songs and want to learn the best songs to fit your specific voice? Are you nervous about singing in front of a large crowd and want to increase your confidence? In this course, we will study the history of musical theatre through a variety of repertoire, designed to improve vocal skills and emotional portrayal of a song. Students will "perform" in class both individually and in small groups as part of their instruction, but no formal concert will be required for this course. All course materials and music will be provided by the teacher.

A CAPPELLA CHOIR

799 **Elective** **All Year** **Grades 9-12**

765 **Elective** **Semester** **Grades 9-12**

Students enrolled in this course will participate in the creation of an a cappella group in the contemporary style. Students will perform a wide-range of songs with an emphasis on songs from the late 20th and 21st centuries. This ensemble will, under the guidance of the instructor, select a name and identity, costume, choreography, and repertoire. Students will also be introduced to the history of a cappella music and the basics of arranging music for an a cappella ensemble. After completing this

course, students will be well-prepared to audition for one of Bishop Feehan's extra-curricular a cappella ensembles and/or collegiate ensembles.

LITURGICAL ENSEMBLE 🎵

789	Elective	All Year	Grades 9-12
790	Elective	Semester	Grades 9-12

This course is offered to provide interested vocalists and other instrumentalists (including string players and pianists) the opportunity to develop the skills and knowledge necessary to lead the Bishop Feehan community in song within liturgies. Students enrolled in this course will serve as the musical leaders for Bishop Feehan's Masses and other liturgies under the direction of the instructor. Students will be introduced to the history of liturgical music as well as the structure and meaning of the parts of the Catholic liturgy, with an emphasis on learning how to select appropriate music to encourage worship. Some additional morning rehearsals will be required.

INSTRUMENTAL MUSIC

HISTORY OF ROCK AND ROLL

767	Elective	Semester	Grades 9-12
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This course is an in depth study of the origins of popular music in the 20th century and the social and historical context that gave birth to it and related genres and musical off shoots. From blues and country to punk and heavy metal, students will familiarize themselves with landmark groups, music, and movements of different periods, exploring connections between modern music and the artists from the past that have paved the way for the popular music of today.

MUSIC TECHNOLOGY

768	Elective	Semester	Grades 9-12
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This course will explore the elements of music with software, listening to music, reading articles about music and creating compositions. You do not need to know how to play an instrument to succeed in this course. A basic knowledge of written notation and musical terminology is recommended but not required. Essential concepts will be briefly reviewed as they pertain to each unit. Instruction will be a combination of lecture, hands-on exploration and creating, guided individual and group projects, and supplemental reading assignments. The course will explore sound production, recording and transmission, electronic music composition and arranging, live audio reinforcement, multi-track studio recording, editing, mixing and mastering. Copyrights, intellectual property rights and ethical issues regarding digital music and the recording industry will also be discussed.

MUSICIANSHIP

775	Elective	Semester	Grades 9-12
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This class is for anyone who loves music and would like to learn more about it. Study will include an introduction to the "ingredients" of music such as melody, harmony, notation, texture, style, rhythm and form through listening to different styles of music. The course will also focus on the evolution of music throughout history. There is no performance requirement. The final written examination will include listening analysis.

BAND 🎵

702 Honors 1 **Elective** **All Year** **Grades 10-12**

Prerequisite: at least 2 semesters of Band - no audition necessary.

776 **Elective** **All Year** **Grades 9-12**

777 **Elective** **Semester** **Grades 9-12**

This instrumental performance course is offered to student musicians who are players of brass, woodwind, and percussion instruments who wish to continue their band experience from middle school. Students who are enrolled in this course will represent Bishop Feehan High School through band performances and at other activities in and outside of the school day. Students will learn intermediate to advanced music skills including language, theory, and appropriate band literature as it pertains to ensemble performance. This course will require students to attend some rehearsals and performances outside of the school day as a performance nears. Performances will include two to three concerts per school year and other related school events. Students who are enrolled in this course will be eligible to **audition** for other select ensembles such as the Jazz Ensemble, Jazz Combo, Percussion Ensemble, and others. Although Marching Band is extra-curricular, students who participate in marching band are required to be enrolled in the concert band class.

PERCUSSION I

778 **Elective** **Semester 1 only** **Grades 9-12**

This course is offered to any student who has the desire to learn and develop their understanding, skills, and techniques on percussion instruments. There is no prior drumming experience required. Beginners as well as intermediate players are welcome. Course material will begin with the basic techniques of stick control and may progress to students having some hands-on instruction with the many instruments of the percussion family. These instruments will include: snare drum, bass drum, timpani, marimba, drum set, and most Latin-type instruments such as congas, bongos, and accessory instruments. Students will also learn basic music skills, language, and theory as it relates to percussion performances.

MUSIC THEORY AND COMPOSITION

780 **Elective** **Semester** **Grades 9-12**

This course is offered to any student who wishes to develop an understanding of the concepts of music: melody, harmony, and rhythm. All major and minor scales, key signatures, chord structures, forms and styles will be included throughout the course of study. The aim of this course is to provide students with a solid foundation from which they may begin to compose their own original compositions, songs, and other music media. This course includes acoustics, music notation, scales, harmony, and basic musical structures with which composers write music. Contemporary musical style, jazz, and rock idioms will be studied. Student compositions incorporate all musical elements. Introduction to music technology/computer based *MIDI* music production is included.

GUITAR I

749 **Elective** **Semester** **Grades 9-12**

This semester-long course is designed for students with no previous guitar experience. Students will learn the basics of playing guitar at a beginner level through music notation, chord symbols and guitar tablature. A brief history of the guitar along with its respective musical genres will also be covered in this course. Students will work individually and in small groups as they become more accomplished musicians. There is no formal performance requirement for this course but students will have informal

CREATIVE DANCE I 🎵

791	Elective	All Year	Grades 9-12
792	Elective	Semester	Grades 9-12

All Dance students are required to participate in at least one Musical Theatre production during the year.

This course includes Ballet I, Modern Dance, and Tap. It covers the terminology of dance notes, ballet movements, free-style, and student choreography. In addition, classes involve barre work, costuming, make-up, hairstyle, and an annual performance. All classes incorporate beginner and intermediate students.

CREATIVE DANCE II 🎵

794	Elective	All Year	Grades 9-12
795	Elective	Semester	Grades 9-12

Prerequisite: Successful completion of Creative Dance I (791 or 792) or placement by the instructor after audition. **All Dance students are required to participate in at least one Musical Theatre production during the year.**

This course is a continuation of the curriculum of Creative Dance I designed specifically for the intermediate or advanced dance student. Classes involve barre work, costuming, make-up, hairstyle, and preparation for an annual performance.

SOCIAL DANCE

796	Elective	All Year	Grades 10-12
797	Elective	Semester	Grades 10-12

This class will introduce social dancing/partner dancing. This class is open to boys and girls who wish to learn structured dance, specifically foxtrot, waltz, cha-cha, tango, mambo, intro to salsa, swing, and intro to hip-hop.

HEALTH & FITNESS

HEALTH & FITNESS

860 – Boys	Required	Semester	Grade 10
861 – Girls	Required	Semester	Grade 10

Health and Fitness is required for graduation and is offered to students in Grade 10. This program focuses on teaching students to assume responsibility for their own personal health and lifestyle by developing the knowledge and skills necessary to achieve a higher level of well-being throughout their lifetime. **This is a Pass/Fail course.**

The Health component of the course encompasses adolescent health issues such as: addiction, body dysmorphia, eating disorders, conflict resolution, drug use, infectious disease, nutrition, stress, and wellness. Students will also learn adult CPR.

The Fitness component of the course encompasses basic skills, strategies, and rules of lifetime sports and activities such as: badminton, flag football, frisbee, golf, tennis, volleyball, and weight training. Students will be able to identify and assess components of physical fitness, and develop a personal fitness program for various stages of their lives.

ADVANCED FITNESS & WELLNESS

865	Elective	Semester	Grades 11-12
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Prerequisite: Students must receive a passing grade in their sophomore Health & Fitness course.

This co-educational course will focus on learning and training functional movements and skills (like pushing, pulling, squatting, lifting, running). The students will be provided the opportunity to develop their understanding and positive attitudes about physical activity, creating good habits to promote a physically active lifestyle. Enrollment may be limited due to equipment availability. If enrollment is limited, priority will be given to rising seniors. This is NOT a Pass/Fail course. Students will receive a numerical grade for this class. Students considering enrollment in this course must be mentally and physically prepared to participate in an intensive physical fitness program.

INTERDISCIPLINARY

AP CAPSTONE™

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions. The program gives students a chance to practice core academic skills they need to complete college: the ability to think independently, write effectively, research, collaborate, and learn across disciplines. More information about the AP Capstone™ program can be found [here](#).

Bishop Feehan will offer two options for this unique AP Capstone™ experience.

- AP Seminar and Research Certificate™ - Students who earn scores of 3 or higher in both AP Seminar and AP Research but not on at least four additional AP Exams.
- AP Capstone Diploma™ - Students who earn scores of 3 or higher in AP Seminar and AP Research and on at least four additional AP Exams of their choosing.

Successful completion of AP Seminar is a prerequisite to the AP Research course, however, students who enroll in AP Seminar are not required to follow up with enrollment in AP Research. Both courses are required for the certificate or diploma described above.

AP SEMINAR

990

Elective

All Year

Grade 11

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple source, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

In this course, students will engage in conversations about complex academic and real-world issues through a variety of lenses, considering multiple points of view. Students have the flexibility to choose one or more themes that allow for deep interdisciplinary exploration.

Students may use this course to fulfill their 6.5 minimum credit requirement for junior year, however, as this course cannot be used to replace a specific graduation requirement, a required course may need to be deferred to senior year. Due to the unique nature of this course, scheduling restrictions may occur. Students who wish to enroll in this class are advised to work closely with their guidance counselor to create a multi-year schedule plan that meets their needs for both junior and senior year.

Enrollment in this course will be limited. **Students wishing to enroll in this course must complete an application, which can be found on the school website, and hand deliver it to the academic office by Tuesday, February 12, 2019.**

AP RESEARCH

991

Elective

All Year

Grade 12

Prerequisite: Successful completion of AP Seminar (990.)

AP Research, the second course in the the AP Capstone experience, allows students to deeply explore an academic topics, problem, issue, or idea of individual interest. Students design, plan and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing analyzing, and synthesizing information. Students reflect on their skill development, document the processes, and curate the artifacts of the scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

All students enrolled in an AP Capstone course are required to take the Advanced Placement Examination for the course in May. Students must pay the fee associated with this exam. Note that the fee for the AP Capstone courses is higher than the fee for all other AP courses.

EXPERIENTIAL LEARNING

INTERNSHIP

995 Honors 1

Elective

All Year

Grade 11-12

996 Honors 1

Elective

Semester

Grade 11-12

This course assists students in identifying personal strengths, interests, skills and professional values as they relate to career exploration and decision making. The course is designed to increase awareness of the professional decision making process, explore career choices, and expand understanding of the relationship between education and the 21st century world of work by highlighting the intersection between education and employment. Students will study key career development theories and learn how to integrate self-knowledge into occupational/life decisions and personal goals. The course provides students with focused and structured learning, giving them experience with the responsibility for meeting timelines, making decisions, and working with others – all skills needed for success in the workplace. Students will have the ability to demonstrate skills, abilities and newly acquired knowledge in the form of a cumulative project/digital portfolio.

One day per week is dedicated to face to face instruction with additional work completed outside the classroom. During this time students will meet with the instructor and not go to their internship site. The on-site portion of the internship will take place during an assigned period and students will be directed by a supervising teacher. **Assignment to this class is by application only. Class size will be limited by the availability of internship assignments.**

Potential areas for experiential learning:

Tech Support and Library Media Services

Marketing and Communications

Athletic Management

In order to be eligible for this internship the following criteria must be met:

1. The student must have completed and received an overall 80 average or better.
2. The student has had no history of being removed from any class for misbehavior or suspended from school for any reason during the year prior to an internship.
3. The student must submit completed internship application to the Internship Coordinator, Mrs. Lisa Ferns. Please click on the link provided here.
<https://www.google.com/url?q=https://goo.gl/forms/Poy0Fws7moRkp5002&sa=D&ust=1550592166638000&usg=AFQjCNEOwyymf4vBnYSDGijx3wXDNoZ0A>
4. Exceptions to the above criteria may be allowed at the discretion of the Instructor/Coordinator.

VIRTUAL HIGH SCHOOL

CLASSES

All Year or Semester

Grades 11-12

The Virtual High School (VHS, inc.) is a non-profit organization dedicated to increasing educational opportunities for middle and high school students, educators, and schools - everywhere. Through the virtual high school's unique network of schools, students, educators, and parents gain access to student-centered online education within a high quality, collaborative learning environment. In order for a student to take a course through VHS, the following understanding applies:

1. Students may access a Virtual High School course that is **not already offered** in the Shamrock Studies Course Catalog.
2. In certain circumstances, it may be possible for a student to take a Virtual High School that is already offered in our Shamrock Studies course catalog. Circumstances may include significant schedule conflicts or courses that are in the catalog but that are not offered in a given year.
3. Please access the course catalog here, <https://my.vhslearning.org/PublicStudentCourseList.aspx>
4. Students must submit an application for approval to the Vice Principal of Academics. Applications are available at the Academic Office.
5. A Virtual High School class can be counted as one of the required classes in a student's yearly schedule. Students must still meet the minimum required credits for their grade level.
6. A Virtual High School class may also be counted as an elective course over and above the minimum required credits for the year, however, no student is allowed to exceed 8.0 credits in any single school year.
7. Students enrolled in a Virtual High School course will be assigned to the Learning Commons during an empty period in their schedule, and the student is required to report there during that period. The Virtual High School period is **not** a study hall period, and the junior/senior privilege of leaving early does not apply to scheduled Virtual High School periods.
8. Virtual High School students are supervised by the Virtual High School Site Coordinator. The Virtual High School Site Coordinator may or may not be present during the student's scheduled

period in the Learning Commons. In that case, the Learning Commons Director or other designated supervisor will be present to supervise and support students as needed.

9. Students must pay the associated fees: \$160 for a semester course/\$320 for a full year for 2019-2020.
10. Financial aid may be possible through Mercy Works. A student should contact his or her guidance counselor to enquire about financial assistance.
11. Virtual High School courses are offered at the College Preparatory (CP1), Honors, and Advanced Placement levels.
- 12. ONCE THE ACADEMIC YEAR HAS BEGUN, A STUDENT IS UNABLE TO DROP A VIRTUAL HIGH SCHOOL COURSE.**

HONOR SOCIETY ELIGIBILITY CRITERIA

Bishop Feehan High School holds charters for membership in several academic honor societies. The minimum criteria for induction into these societies are generally established by the sponsoring national organization. Students found to be in violation of the school's academic honor code may not be eligible for membership in any honor society. Candidates for all honor societies are subject to the approval of the Principal, Vice Principal of Academics, and Vice Principal of Student Life.

National Honor Society – Mercy Chapter

- Scholarship: Students must have attained a cumulative **weighted** grade point average of 3.5 or higher at the conclusion of their sophomore or junior year. These students become eligible for further consideration in the areas of service, leadership, and character.
- Service: Students must document their significant voluntary contributions to the school, community, or parish. This direct service is performed without compensation and in a positive, courteous, and enthusiastic manner.
- Leadership: Student leaders demonstrate that they are resourceful, dependable, and good problem solvers. They promote school activities, and contribute ideas. Leadership can be demonstrated through involvement with school or community activities and while working with or for others.
- Character: Students who exemplify good character uphold principles of morality and ethics, demonstrate high standards of honesty and reliability and show courtesy, concern, and respect for others. They generally maintain a good and clean lifestyle.
- All candidates must be in good disciplinary standing.

Art Honor Society

- Candidates must be enrolled in 10th, 11th, or 12th grade.
- Candidates must have a three consecutive semester average grade of 92 in Art with no semester grade below 85.
- Candidates may not have failed a course in any other subject.
- In order to graduate with AHS recognition, students must be enrolled in a studio art or graphics class during their senior year.
- Officers must be enrolled in a studio art or graphics class during their senior year.
- All candidates must be in good disciplinary standing.

Chinese Honor Society

- Candidates must be enrolled in 11th or 12th grade.
- Candidates must have completed four semesters of study in Mandarin Chinese.
- Candidates must have an overall average of 88 or higher in Mandarin Chinese.
- All candidates must be in good disciplinary standing.

English Honor Society

- Candidates must be enrolled in 11th or 12th grade.
- Candidates must have an overall unweighted GPA of 88 or higher.
- Candidates must have an overall English grade average of 92 or higher.
- All candidates must be in good disciplinary standing.

French Honor Society

- Candidates must be in the 10th, 11th, or 12th grade.
- Candidates must be enrolled in at least their fourth semester of French.
- Candidates must have maintained a 90 average in French for three consecutive semesters with no quarter below an 80.
- Candidates must have maintained an overall cumulative average of 80 in all other subjects excluding French.
- All candidates must be in good disciplinary standing.

Latin Honor Society

- Candidates may be enrolled in any grade or level of Latin.
- Candidates must have attained a minimum average of 90 or above for the first semester in Latin.
- All candidates must be in good disciplinary standing.

Math Honor Society: Mu Alpha Theta

- Candidates must be in the 11th or 12th grade.
- Candidates must have completed Algebra 2.
- Candidates must be currently enrolled in Honors or Honors 1 math courses.
- Candidates must have attained an overall GPA of 85 and a cumulative math average of 91 in H/H1 classes.
- All candidates must be in good disciplinary standing.

Music Honor Society: Tri-M

- Candidates must be enrolled in 10th, 11th, or 12th grade.
- Student must have enrolled in a school sponsored performance music ensemble and/or music class for at least three semesters.
- Student must be of excellent character, exhibit a good attitude toward teachers and fellow students, and be cooperative and helpful in their classes and school.
- Student must have maintained for the previous semester at least a grade of 92, or equivalent in music classes, and have no failures in any other academic subjects.
- Student must exhibit above average musical proficiency on his/her primary instrument.
- All candidates must be in good disciplinary standing.

Science Honor Society

- Candidates must be enrolled in 10th, 11th, or 12th grade.
- Overall unweighted GPA of 90 or higher.
- Overall Science grade average of 90 or higher.
- Enrolled in Honors 1 or Honors courses in their freshman, sophomore, and junior years.
- In order to graduate with SNHS recognition students must earn at least one credit in science during each of their four years.
- All candidates must be in good disciplinary standing.

Social Studies Honor Society: *Opus Bono Historiae*

- Candidates must be in either 11th or 12th grade.
- Candidates must have an overall Social Studies grade average of 92 or higher.
- There is a three-point differential from H1 to AP (i.e.: 89 becomes a 92).
- Candidates must have finished 2 ½ complete years of Social Studies to be eligible.
- Juniors who are inducted and do not take a Social Studies course in the senior year may not become officers.
- Candidates may not have received failing grades in any other subject.
- All candidates must be in good disciplinary standing.

Spanish Honor Society

- Candidates must be in the 10th, 11th, or 12th grade.
- Candidates must be enrolled in Spanish II or higher at any level.
- Candidates must have attained a minimum average of 90 for three consecutive semesters at Bishop Feehan in Spanish, with no quarter below an 85.
- Officers must be enrolled in a Spanish class during the year they serve in that capacity.
- All candidates must be in good disciplinary standing.