



SHAMROCK STUDIES

ACADEMIC YEAR

2012 – 2013



January 2012

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 2012-2013 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.

This year Bishop Feehan High School will continue with the process of online course selection using *Edline*. Last year, this change resulted in a much more efficient and accurate course selection process. 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 2012-2013 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 *Course Selection Request Form*; 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.

Sincerely,

Ann Perry

Vice Principal of Academics

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Timetable for Scheduling – 2012-2013

December 12, 2011	Advanced Placement course applications available online. (Information previously emailed and announced to rising Grades 11 and 12.)
January 6, 2012	AP applications due to Academic Office by end of the school day. (Rising Grades 11 and 12 only.)
January 9	2012-2013 <i>Student/Parent Timetable</i> distributed in homeroom and emailed to parents.
January 13	Signed 2012-2013 <i>Student/Parent Timetable</i> due in homeroom.
Week of January 23	<i>Shamrock Studies</i> course catalog available on school website under Academics>Scheduling 2012-13. <i>Online Course Registration Form</i> distributed in homerooms. Course Selection Assemblies at X Period for rising grades 10 through 12. <ul style="list-style-type: none">• 1/24: Rising Grade 12 student assembly• 1/25: Rising Grade 11 student assembly• 1/26: Rising Grade 10 student assembly
January 26	Parent information meeting regarding online course registration process at 6:30 PM in the Auditorium. Vice Principal of Academics and Director of Guidance will be present.
January 27	<i>Edline</i> course request module is open for student/parent registration. Deadline for informing students of AP course application status.
February 6	<i>Edline</i> course request module is closed to student/parent registration, 8 AM. Signed <i>Online Course Registration Form</i> due to Guidance Counselors.
March 2	Half Day of Classes: Department leveling discussions take place in afternoon. Guidance/Admin leveling meetings take place within next two weeks.
Week of March 12	<i>Course Assignment Form</i> distributed to students/parents. Petitions to request a review of courses and/or levels must be submitted using the “Petition for Course Change” form available on the school website.
March 19	Signed <i>Course Assignment Form</i> and “Petition for Course Change” form due to the Main Office. Petitions reviewed and responses mailed by 3/30.
Week of May 7	Students/parents notified of any scheduling conflicts.
May 21	Deadline to resolve all schedule conflicts.
June 11	Rising grade 10-12 schedules distributed in homeroom on last day of classes.
June 15	<u>TENTATIVE (after final exams are completed)</u> – Book swap in Cafeteria.

Graduation Requirements and Course Load

In order to graduate, a minimum of **25.5** 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	3.5	
TOTAL	25.5	

***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 6.5 credits in core academic areas during their freshman, sophomore, and junior year. To receive a diploma, students must pass six 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 without approval of the Vice Principal of Academics. Students may not enroll in more than three Advanced Placement courses in any given year.

Additional Graduation Requirements:

1. Graduation Retreat Requirement:

- All students are to attend their freshman and sophomore class retreats.
- In addition, all students must attend one day-long, comprehensive retreat. Examples include, but are not limited to: Feehan Peer Ministry Retreats; Pro-Life Pilgrimage to Washington, DC; ECHO Retreat (seniors only).

2. Christian Service Learning Requirement:

- All students are required to complete 20 hours of service learning each year during their freshman, sophomore, and junior years.
- All freshman and sophomores are strongly encouraged to complete their hours either through Bishop Feehan High School or through their place of worship.
- Juniors may complete their hours through Bishop Feehan, their place of worship, or any approved non-profit event or organization.

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>The Revelation of Jesus Christ in Scripture Who is Jesus Christ? English I Biology Algebra I or Algebra II Spanish or French World History I “Freshman” Elective</p> <p>Retreat Requirement 20 hours of Service Learning</p> <p><u>Minimum number of credits: 6.5</u></p>	<p>GRADE 10</p> <p>Paschal Mystery The Church English II Chemistry or Conceptual Physics Geometry Spanish or French World History II and U.S History I Health and Fitness Elective Opportunities or Test Prep</p> <p>Retreat Requirement 20 hours of Service Learning</p> <p><u>Minimum number of credits: 6.5</u></p>
<p>GRADE 11</p> <p>The Sacraments Catholic Christian Morality English III Physics or Chemistry or Science Elective Mathematics Placement Spanish or French U.S. History II Elective Opportunities or Test Prep</p> <p>Retreat Requirement 20 hours of Service Learning</p> <p><u>Minimum number of credits: 6.5</u></p>	<p>GRADE 12</p> <p>Social Justice and Theology Elective Composition and Literature Mathematics Placement Physics or Science Elective Spanish or French or Language Elective</p> <p>Elective Opportunities</p> <p>Retreat Requirement</p> <p><u>Minimum number of credits: 6</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 four areas: registration, recommendation, approval, and building. Students and parents must clearly understand their responsibilities and associated deadlines within this process.

Online Course Registration: Students are informed of program offerings during course selection assemblies and meet with their Guidance Counselors to discuss their program of study. A similar meeting detailing the online course registration process is provided for parents. Detailed information about the academic offerings is listed within the *Shamrock Studies* course catalog, which is posted on the school website. Students and parents complete the "*Course Selection Worksheet*" and use the worksheet to request courses using *Edline*. Detailed instructions for using the *Edline* course request module are also posted on the school website. Students return a signed "*Course Selection Worksheet*" to their Guidance Counselor by the deadline. Students enrolling in AP courses must attach a copy of an approved AP course application for any requested AP course.

Course and Level Recommendations: Teachers, Department Chairs, Guidance Counselors, and administrators attend a series of meetings to review students' course requests and make their own recommendations for course and level placement in *Edline*. 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. Course and level recommendations are forwarded to the scheduling database.

Schedule Approval/Review: Course and level assignments are distributed to students and parents for final review and approval via the "*Course Assignment Form*." Students and parents sign the "*Course Assignment Form*" and return it to school. Parents and students may petition for further review of a course or level by completing a "*Petition for Schedule Change*" form. Petitions will be reviewed by Department Chairs, Guidance Counselors, and administrators. Parents will receive a written response indicating approval or denial of the petition. After all petitions are reviewed, courses with low enrollment are canceled and students in those courses are asked to make alternate course choices.

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/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, 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 6.5 credits of study. Aside from the six core courses of Theology, English, Science, Mathematics, World Languages, and Social Studies, freshmen students must choose at least 0.5 credits, but not more than 1.0 credit, 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 Programming.

Advanced Placement Courses

Any student wishing to enroll in an Advanced Placement course for the 2011-2012 school year must complete an application for that course. This process gives academic departments the opportunity to inform students if they are eligible for an AP course before the course selection process begins. In turn, students are able to make well-informed decisions about their course selections for the coming year.

Applications, instructions for applying, and deadlines for submitting applications for AP courses are available on the school website. Students may complete as many AP course applications as they wish and be approved for more than three AP courses, but, in general, no student will be allowed to enroll or register in more than three AP courses. 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 \$87.00.**

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. For this reason, requests to change courses and levels cannot be submitted or considered after the respective deadlines have passed.

Course Cancellations

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

CHRISTIAN SERVICE LEARNING

SERVICE LEARNING

175	Required	All Year	Grade 9
176	Required	All Year	Grade 10
177	Required	All Year	Grade 11

Christian Service Learning is an integral part of student life at Bishop Feehan High School. Students are encouraged to search for service opportunities that challenge them to grow in their love and knowledge of the person of Jesus Christ, and to live lives of integrity and service, as described in our Mission.

Sixty (60) hours of documented Christian service are required prior to graduation. Using the form that can be found on the Campus Ministry tab of the school's website, students must document twenty (20) hours of service in each of their freshman, sophomore, and junior years in order to receive a passing grade for each year. These hours can be completed after school, on weekends, during vacation periods, and during the summer months. Incoming freshman may begin to accumulate service hours once they have graduated from 8th grade. All freshman and sophomores are strongly encouraged to complete their service hours through Bishop Feehan, or through their place of worship. Juniors may also complete service hours through approved non-profit events and organizations. Many opportunities are also offered through the Office of Campus Ministry, by extracurricular groups, and athletic teams.

It is the student's responsibility to report their service hours to the Office of Campus Ministry. The number of service hours accumulated will be reported on each student's quarterly report card, up to the required 60 hours. The school cannot record hours over and above the 60-hour requirement. If a student does not complete 20 hours of service by the end of a school year, a final grade of "F" will be designated on the student's year-end report card. Students must complete the appropriate number of service hours before August 15th of that year in order for the "F" to be removed from their transcript. The school reserves the right to require that make-up hours for service be earned on campus.

Service learning hours for Bishop Feehan are **NOT** in addition to those required by the National Honor Societies, extra-curricular activities, or parish confirmation classes. For example, the Office of Campus Ministry will accept 20 hours of service completed for the National Honor Society. One set of twenty hours fulfills *both* requirements.

Records of the specifics of accumulated service hours are not maintained by the Office of Campus Ministry. If a student needs specific information for scouting groups, confirmation requirements, etc., it is their responsibility to keep documentation of those service activities.

THEOLOGY

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

THE REVELATION OF JESUS CHRIST IN SCRIPTURE

108/110

Required

Semester 1

Grade 9

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

WHO IS JESUS CHRIST?

112/114

Required

Semester 2

Grade 9

This second semester course introduces students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. It continues the study of Jesus Christ begun in the first semester course to help students understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who Jesus is, the students will also learn who he calls them to be.

PASCHAL MYSTERY

119/120

Required

Semester 1

Grade 10

This course provides core materials around the central mystery of our salvation by the Triune God. The semester will concentrate on the three persons of the Trinity and their role in our salvation, participation in the community of the Church, prayer, and sacraments. As a result of participation in this class, students will better understand the practices, teachings, and beliefs of the Roman Catholic Church.

THE CHURCH

139/140

Required

Semester 2

Grade 10

This course focuses on the Church as a community of faith and is the beginning of a historical examination of the mystery of the Church that will continue in Grade 12. 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. The course surveys two thousand years of the Church's story.

THE SACRAMENTS

129/130

Required

Semester 1

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.

CATHOLIC CHRISTIAN MORALITY

127/128

Required

Semester 2

Grade 11

This course 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.

SOCIAL JUSTICE

141/142

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 141/142 – 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 141/142 – Social Justice must also choose an elective course to fulfill their second semester requirement. The number of sections for each election is fixed, therefore, students must indicate a first, second, and third choice elective on their *Course Selection Request Form*.

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.

DISCOVERING THE SACRED THROUGH SCRIPTURE AND THE ARTS

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.

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 and hand deliver it to the Chair of the Theology Department by Monday, January 30, 2012.**

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. Course #291 and 297 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 skills including writing, grammar, vocabulary, and oral communication. The course introduces students to the four basic types of literature through a study of fiction, non-fiction, drama, and poetry.

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 the student 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 expand the basics of English language skills and to increase competency in vocabulary, paragraph development, and oral communication. The course introduces basic skills in literary analysis and provides instruction in the development of the research paper 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 authors from the Anglo-Saxon period to the present through the lens of British literary and historical heritage. In addition to reviewing and refining basic skills in literary analysis, this course continues instruction in the development of the research paper and other multi-paragraph compositions.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

241 Advanced Placement **Fulfills Requirement** **All Year** **Grade 12**

Prerequisites: Successful completion of either English III - Honors 1 (232) with a minimum average of 93 or English III – Honors (233) with a minimum average of 95; a minimum score of 60 on the Critical Reading and 60 on the Writing section of the PSAT taken in October of the junior year; a recommendation by the junior English teacher; and approval of the department chairperson. Students may be required to provide a writing sample and/or take an examination in English grammar and mechanics administered by the department chairperson. All students enrolled in #241 are required to take the Advanced Placement Examination in Literature and Composition. Students must pay the fee associated with this exam.

This college level course engages students in the careful reading and critical analysis of imaginative 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. As they read, students consider a work's structure, style, and themes as well as the use of figurative language, imagery, symbolism, and tone. The following genres will be explored: short story, novel, drama, and poetry. AP English Literature 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 the major responsibility for their own learning.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

242 Advanced Placement **Fulfills Requirement** **All Year** **Grade 12**

Prerequisites: Successful completion of either English III - Honors 1 (232) with a minimum average of 93 or English III – Honors (233) with a minimum average of 95; a minimum score of 60 on the Critical Reading and 60 on the Writing section of the PSAT taken in October of the junior year; a recommendation by the junior English teacher; and approval of the department chairperson. Students may be required to provide a writing sample and/or take an examination in English grammar and mechanics administered by the department chairperson. All students enrolled in #242 are required to take the Advanced Placement Examination in Language and Composition. Students must pay the fee associated with this exam.

This course provides intensive practice in organizing and writing the short essay 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 expository, 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 effect of good writing. To reflect the increasing importance of graphics and visual images in texts published in print and electronic media, students will analyze how such images both relate to written texts and serve as alternative forms of "text" themselves. 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 AP English Language and Composition 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 the major responsibility for their own learning.

COMPOSITION AND LITERATURE

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

In the first semester of 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. During the second semester 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

In the first semester 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. Emphasis is placed on the interrelationship of language skills. During the second semester a variety of literary topics will be explored providing the student opportunities to refine skills related to literary analysis.

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 an integral part of the course.

CREATIVE WRITING

297 Honors	Elective	Semester	Grades 11-12
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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.

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 (331, 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 teach the fundamental concepts, processes, and systems of living organisms. Integration with chemistry and ecology will occur when applicable to insure a better understanding of all forms of life. Laboratory experiments are designed to illustrate the concepts learned in the classroom with emphasis on critical thinking. **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 fundamental biological concepts from sub-atomic particles to the organism. An introductory understanding of chemistry will serve as a base to understanding the various levels of development in living organisms. To reinforce this study, laboratory experiments will be performed. **Science Fair participation is required for all students enrolled in this course.**

BIOLOGY I

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

This course is designed to teach the fundamental concepts of human biology stressing the meaning of science and the scientific method. Life will be studied from basic cellular structure and function to the complex human organism. 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 of biology from the basic cellular structure and function to the complete human organism. Emphasis is on a practical, concrete approach integrating the scientific method as a means of understanding the human systems.

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

Prerequisites: Concurrent enrollment in Algebra II.

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 B

331 Advanced Placement

Required

All Year

Grades 12

Prerequisites: Concurrent enrollment in Calculus – Honors 1 (482) and recommendation of Department Chairperson. All students enrolled in #331 are required to take the Advanced Placement Examination in Physics. 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 mastery of advanced algebra and trigonometry skills. It provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry. The AP Physics B course seeks to be representative of topics covered in similar college courses, including Newtonian mechanics, fluid mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. The course includes a laboratory component that will require students to design experiments and analyze data.

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), 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 in Biology. 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 I – Honors 1 (322) with a grade of 90 or higher, or Chemistry 1 – Honors (323) with a grade of 95 or higher, and approval of Department Chairperson. All students enrolled in #352 are required to take the Advanced Placement Examination in Chemistry. Students must pay the fee associated with this exam.

All students enrolled in #352 are required to take the Advanced Placement Examination in Chemistry. Students must pay the fee associated with this exam.

This course is designed for highly motivated students who wish to pursue advanced study in the field of chemistry and who have demonstrated an extraordinary degree of competence in a first year chemistry course. AP Chemistry is designed to meet the requirements of a general chemistry course at the college level, both conceptually and in the laboratory. Topics include structure of matter, states of matter, reactions, descriptive chemistry, chemical calculations, and experiment design. The laboratory experience is substantial and requires a high degree of motivation and analytical ability. **N.B.: This course will require students to meet periodically before school with the teacher for additional lab time.**

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.

EARTH SCIENCE

366 Honors 1 **Elective** **Semester** **Grades 11-12**
367 College Prep 1 **Elective** **Semester** **Grades 11-12**

Prerequisites: Successful completion of Biology and Chemistry.

This course is intended to provide students with an introduction to earth science, with a focus on hazards and natural disasters and how they affect and influence the interface between humanity and its needs for space and resources. Students will be introduced to the mechanisms and processes of volcanoes, earthquakes, tsunamis, hurricanes, and tornadoes. The interactions between these natural processes and a growing population will be explored.

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.

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 AND COMPUTER PROGRAMMING

Bishop Feehan has a four year mathematics requirement for graduation. Courses that require a calculator are noted as follows:

- * TI 30 scientific calculator is required
- ** TI 84, TI 84+, or TI 83 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 enroll in both Geometry and Algebra II in grade 10. Students who chose to “double-up” in math during Grade 10 must achieve an 91 average in course 413 or 410 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.

ALGEBRA I

410 Honors †	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 *
416 College Prep	Fulfills Requirement	All Year	Grade 9 *

This first year course uses mathematical concepts to develop basic principles in a systematic and meaningful way. Addition, subtraction, multiplication, division of polynomials, solving of equations, factoring, the equation, and the graphing of a line are covered. Word problems are an integral part of problem solving to develop critical thinking skills. The difference in the levels is in the speed of instruction and the intensity of the problems.

† The 410 Honors course enables students who have taken Algebra I in grade 8, but who did not demonstrate sufficient mastery on the Algebra Placement Exam to be placed in Algebra II, to be grouped in a specific Algebra I section together. This will enable the teacher to move at the appropriate pace for experienced Algebra students who have not yet reached mastery of the subject. Their prior knowledge of Algebra will be taken into consideration in the planning of the lessons.

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
426 College Prep	Fulfills Requirement	All Year	Grade 10

Prerequisites: (422) Successful completion of Algebra II and Trigonometry Honors I. (423) Successful completion of Algebra I or Algebra II and Trigonometry Honors, (424,425,426). 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.

ALGEBRA II AND TRIGONOMETRY

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

Prerequisites: (432 or 436) Approval of Department Chairperson after successful performance on the Algebra I placement exam. (433) Successful completion of Algebra I Honors with an average of 85.

This course includes topics such as systems of linear open sentences, polynomials and factoring, relations and functions, irrational numbers and quadratic equations, as well as systems of quadratic relations. Emphasis is placed on the underlying theory and proofs that are not covered in the college prep levels. The fourth quarter of the year is spent on Trigonometry and covers elementary trigonometric functions including their graphs and equations as well as formulas, identities, and inverse trigonometric functions.

ALGEBRA II

431 College Prep 1	Fulfills Requirement	All Year	Grade 9 **
434 College Prep 1	Fulfills Requirement	All Year	Grade 11 **
435 College Prep	Fulfills Requirement	All Year	Grades 11 **

Prerequisite: (431) Approval of Department Chairperson after successful performance on the Algebra I Placement Exam. (434) Successful completion of Algebra I College Prep 1. (435) Successful completion of Algebra I College Prep with an average of 76 or better, and department approval.

This course centers on open sentences, lines and their equations, polynomials and factoring, rational numbers and expressions, relations and functions, irrational numbers and quadratic equations as well as quadratic relations and systems. The difference among the levels is the speed at which concepts are developed and the level of difficulty of the problems.

ALGEBRA II PART A

437 College Prep **Fulfills Requirement** **All Year** **Grade 11**

Prerequisite: Successful completion of Algebra I CP 415 or 416

This course is the first half of a two-year course designed for the student who had difficulty with Algebra I. The course covers open sentences, lines and their equations, polynomials and factoring and rational numbers and expressions and their applications.

ALGEBRA II PART B

438 College Prep **Fulfills Requirement** **All Year** **Grade 12**

Prerequisite: Successful completion of Algebra II Part A (437) or Algebra II College Prep (435).

This course completes the material of an Algebra II course that began in Algebra II Part A. Material covered includes functions and relations including domains, ranges and graphs, irrational and imaginary numbers, and quadratic functions and systems.

PRE-CALCULUS

442 Honors 1 **Fulfills Requirement** **All Year** **Grade 11 ****

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

Prerequisite: Successful completion of Algebra II (85 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 ****

Prerequisites: Completion of Algebra II Honors (433,436), or successful completion (90 or better) of Algebra II College Prep 1 (434), or successful completion of Algebra II College Prep 1 (431) with an average of 85 and with approval of the Department Chairperson.

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

INTRO TO PRE-CALCULUS/TRIG

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

Prerequisite: Successful completion of Algebra II College Prep 1 with a 75 average. (Otherwise choose 455 Algebra III/Trig.)

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.

ALGEBRA III/TRIG

455 College Prep

Fulfills Requirement

All Year

Grade 12 **

Prerequisite: Successful completion of Algebra II College Prep (435) with a 72 average (Otherwise choose course 438.)

The purpose of this course is to present the mathematics that follow Algebra and Geometry, and precedes the study of Pre-Calculus. It aims to prepare students to take more advanced courses in mathematics in college. Topics include trigonometry, advanced algebra, and probability and statistics.

ADVANCED PLACEMENT CALCULUS AB

481 Advanced Placement

Fulfills Requirement

All Year

Grades 11-12 **

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 in Calculus. Students must pay the fee associated with this exam.

This course covers all the material in a traditional introductory Calculus course. With hand-held calculators, the students are able to approach the material through analytical, numerical, and graphical methods. The TI-84+ graphing calculator is incorporated into the teaching and the applications of all topics, providing visual support for the methods used.

Topics include a review of analytic geometry, the study of limits and continuity, and finding and using derivatives. Integration and its applications are studied in the second semester. Also covered are transcendental functions, growth and decay applications, and various methods for integrating non-conforming functions. Emphasis is on theory as well as on applications, and is directed toward the serious math student.

CALCULUS

482 Honors 1

Fulfills Requirement

All Year

Grades 11-12 **

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 the advent of the technology available with hand-held calculators, the students are able to approach the material through analytical, numeric and graphic methods. The TI-84+ graphing calculator is incorporated into the teaching and the applications of all topics, making use of visual support for the methods used. The focus is on differentiation, integration and their applications. Many of the topics in the Advanced Placement course are also covered in this course with less emphasis on theory.

CALCULUS

483 Honors

Fulfills Requirement

All Year

Grades 11-12 **

Prerequisite: Successful completion of Pre-Calculus Honors or Pre-Calculus College Prep 1, 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.

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 and other introductory languages. This course may be taken concurrently with course 485.

TECHNIQUES OF COMPUTER PROGRAMMING C++

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

Prerequisites: Successful completion of Algebra I Honors 1 or Honors or successful completion of Computer Programming Techniques (478.)

This course introduces the student to the discipline and structure of basic programming using C++. The course provides an introduction to computer programming, the opportunity to develop the logical thinking processes and problem solving experiences required of computer programmers. Topics include: procedural and object oriented programming, flow of control, functions, pointers, string analysis, and classes.

TECHNIQUES OF COMPUTER PROGRAMMING JAVA

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

Prerequisites: Successful completion of 485.

This course introduces the student to the object oriented programming language Java. The course provides an opportunity for students to continue to develop the logical thinking processes and problem solving experiences required of computer programmers.

AP STATISTICS

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

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 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. The TI-84+ graphing calculator will be used extensively.

STATISTICS

491 CP1 **Fulfills Requirement** **All Year** **Grade 12 ****

Prerequisites: Successful completion of or concurrent enrollment in Pre-Calculus H or CP1 or Introduction to Pre-Calculus CP1.

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.

WORLD LANGUAGES

A four or five-year program in French or Spanish is recommended for serious college bound students interested in pursuing the study of World Languages. All students must fulfill a minimum graduation requirement of three years of one language at the high school level. Department approval is required for students to elect the fourth and fifth years of a world language or Advanced Placement language. The elective courses in Latin I and Latin II can be counted as one of the 6 required courses for seniors.

Latin is recommended as an elective and may be taken in Grades 11 and 12; however, it does not fulfill the minimum three-year modern language requirement. The online American Sign Language course (Grades 10-12), in addition to the Rosetta Stone® online courses (Grades 11-12), may also be taken as electives but do not fulfill the language requirement for graduation.

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

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 begin to develop their reading skills by obtaining information from authentic materials and cultural readings. Writing activities include making lists and writing letters. An important 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

Continued development of the four skills of listening, speaking, reading, and writing is the goal of second year French. Learning to narrate events in the past is an important objective of this course. Students will continue to become familiar with France, especially Paris, and the provinces as well as the Francophone world.

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

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 study the contemporary cultures of the French-speaking world.

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. Literary and authentic readings from the Francophone world are presented including selections from *Le Petit Prince* and *Petit Nicolas*. 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
550 Honors	Elective	All Year	Grade 12

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 texts from the French speaking world, listen to videos and podcasts and watch films. Students will create and participate in performance and online assessments.

AP FRENCH LANGUAGE

553 Advanced Placement	Elective	All Year	Grade 12
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Prerequisites: Successful completion of French IV Honors 1 or Honors and the permission of the Department Chairperson are required.

N.B. All students enrolled in #553 are required to take the AP French Language exam in May. Students must pay the fee associated with the AP exam.

This course is designed to prepare students to take the French Language Advanced Placement exam. Students will refine their listening, speaking, reading and writing skills through literary study, complex vocabulary expansion, intense grammatical review and regular essay work. Students will be expected to do considerable work outside of class to prepare for the speaking and listening sections of the exam.

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.

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 originality in the student's written and oral expression. Thematic vocabulary provides the basis for developing practical communication skills. Various aspects of Spanish life and culture are explored. Emphasis is on continued development of past and future narration and expression in hypothetical situations. Daily conversation and composition are integral components of the course.

INTERMEDIATE SPANISH CONVERSATION

594 Honors 1	Elective	All Year	Grades 12
595 College Prep 1	Elective	All Year	Grades 12

Prerequisite: Student must have successfully completed three years of Spanish, any level.

This Intermediate Conversational Spanish class provides a practical approach to the acquisition of the language skills needed to communicate in a variety of situations. Students will encounter practical and authentic contexts in order to perfect oral skills in large and small group activities. The primary objective of the course is to develop the student's competency in communicating through the spoken medium. Students enrolled will actively participate in local Hispanic organizations or online opportunities in order to practice and refine speaking skills.

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

The emphasis of this course is placed upon developing accuracy and originality in speaking and writing. Students are introduced to Spanish 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.

SPANISH IV

546 College Prep	Fulfills Requirement	All Year	Grades 11-12
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Students will continue the four basic skills of reading, writing, speaking, and listening via development of original compositions and dialogues and reading Spanish literature and authentic materials.

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 problematic grammatical topics and continued expansion of complex vocabulary. This course reflects some aspects of the Advanced Placement Program in Spanish Language.

SPANISH V

556 College Prep 1 **Elective** **All Year** **Grade 12**

A continued emphasis is placed upon the development of accuracy and originality in written and spoken expressions. Students continue their exposure to literature in Spanish via readings or short stories and poetry. There is a continued emphasis on thematic vocabulary expansion and proficiency in hypothetical situations is stressed. Compositions, daily conversations, and group oral dialogues are an important part of this course.

AP SPANISH LANGUAGE

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

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

This course is designed to prepare students to take the Spanish Language Advanced Placement exam. Students will refine their listening, speaking, reading, and writing skills through literary study, complex vocabulary expansion, intense grammatical review, and regular essay work. Students will be expected to do considerable work outside of class to prepare for the speaking and listening sections of the exam.

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 the 6 credit requirement for senior year.

LATIN II

527 Honors 1 **Elective** **All Year** **Grade 12**

528 College Prep 1 **Elective** **All Year** **Grade 12**

Prerequisite: Student must have successfully completed Latin I.

Latin II stresses a reading approach to the study of Latin. The readings reflect Roman history, culture, and mythology. Students will read selected poems and portions of major classical works and learn about the major classical authors. Consistent attention is given to English words that are derived from Latin words. Seniors may use this course to fulfill the 6 credit requirement for senior year.

MANDARIN CHINESE I

507 Honors **Elective** **All Year** **Grade 9-12**

This first-year course introduces students to the Mandarin Chinese language and Chinese culture. Listening, speaking, reading, and writing techniques and activities are presented. This course may be used to fulfill the freshman elective. Seniors may choose this course to fulfill the 6 credit requirement for senior year. Given the availability of qualified teachers, scheduling for this course may be restricted and class size may be capped. Every effort will be made to accommodate the maximum number of students.

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 will be 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 June 15, 2012.

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.

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 designed to provide students with a global, historical, and contemporary understanding of the formation of civilizations from the early centuries up to the western Age of Absolutism. The course is a geographical survey that begins with an investigation of the early civilizations of India and China, moves westward with a look at the first civilizations and trading states of Africa, discusses ancient Greece and Rome, and concludes with an exploration of the Renaissance and Reformation as well as European colonization of the Americas. The course 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

616 Honors 1	Required	Semester 1	Grade 10
617 Honors	Required	Semester 1	Grade 10
618 College Prep 1	Required	Semester 1	Grade 10
619 College Prep	Required	Semester 1	Grade 10

This course covers the time period from the French Revolution to the present. The major events of modern history are presented through a chronological approach emphasizing the effects of past events upon the present.

U.S. HISTORY – PART 1

600 Honors 1	Required	Semester 2	Grade 10
601 Honors	Required	Semester 2	Grade 10
602 College Prep 1	Required	Semester 2	Grade 10
603 College Prep	Required	Semester 2	Grade 10

This course 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 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 present 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*
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** For seniors who have not yet fulfilled their U. S. History requirement.*

Prerequisites: Successful completion of US History I at the Honors-1 level with a minimum grade of 90 and the approval of the Department Chairperson. Students who have completed the Honors level US History I course with a minimum grade of 95 require the approval of the Social Studies teacher and the Department Chairperson. All students enrolled in #621 are required to take the Advanced Placement Examination in U. S. History. 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 11-12
634 College Prep 1	Elective	Semester	Grades 11-12

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 1950 to the present. Topics researched and discussed in depth include: the Cold War, the 60's Revolution, the Kennedy Era, the Civil Rights Movement, the Vietnam War, the Nixon Administration and Watergate, the Decade of the 80's, and recent dynamic changes in the world and their effect on the United States.

WORLD GEOGRAPHY

650 Honors 1	Elective	Semester	Grades 11-12
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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.

EAST ASIAN STUDIES

652 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 aims to present a full historical perspective of four important societies in East Asia—China, Taiwan, Korea, and Japan. After establishing ancient social, political, and religious foundations of each society, the course will turn its attention to the investigation of more recent international relations. This course offers students the unique opportunity to better understand and expand their knowledge of the societies and cultures of East Asia.

LEGAL PROCEDURES

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

This course considers the judicial process through a study of text cases in tort and contract law.

ADVANCED PLACEMENT PSYCHOLOGY

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

Prerequisites: Successful completion of prior Social Studies Honors 1 course with a minimum grade of 90, or an Honors course with a minimum grade of 95 with the approval of the Social Studies teacher, and the approval of the Department Chairperson. All students enrolled in #661 are required to take the Advanced Placement Examination in Psychology. Students must pay the fee associated with this exam.

The goal of AP Psychology is to introduce students to the systematic and scientific study of behavioral and mental processes of human beings and animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. Learning will also include methods psychologists use to explore processes involved in normal and abnormal perceptions, thoughts, feelings, and actions. Writing and in-depth research play a major role in this course.

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

688 College Prep 1

Elective

Semester

Grades 11-12

This is a practical course covering consumer-related economic problems. Some of the topics studied are: business cycles, insurance, stocks and bonds, and many other aspects of our multifaceted economy. The course aims to give students a better understanding of the American system of capitalism.

U.S. GOVERNMENT AND POLITICS

689 College Prep 1

Elective

Semester

Grades 11-12

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 11-12

Prerequisites: Successful completion of AP US History or US History II at the Honors-1 level with a minimum grade of 90 and the approval of the Department Chairperson. Students who have completed the Honors level US History II course with a minimum grade of 95 require the approval of the Social Studies teacher and the Department Chairperson. All students enrolled in #690 are required to take the Advanced Placement Exam in AP U.S. Government and Politics. 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, Vocal and Instrumental Music, Theatre Arts, and Dance. This program of studies is available to all students including the advanced student who plans to pursue his or her talent as a Fine or Performing Arts professional.

VISUAL ARTS

The Visual Arts Program is planned to strengthen the student's powers of observation, memory, imagination, judgment, and construction. The program also helps to prepare portfolios for college-bound 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 art courses as early as possible. A minimum of three years of art is required in order to prepare a college portfolio at the beginning of senior year. The Visual Arts program consists of the study of design theory, studio art or art production, and art history. The curriculum is designed to present specific lessons in theory along with the presentation of a variety of media. As a student progresses, new and more challenging theory problems and media are introduced. This study incorporates the use of technology, digital slides, printed material, videos, and often students view actual works during museum visits. This program strives to give each student a broad background in the field of art. It offers a mixture of tradition and basics with experimentation and creativity. Student work is exhibited in the Doran Gallery and submitted to local, regional, and national contests.

Grade 11 students who are seriously considering majoring in the Visual Arts in college, and whose academic schedules are full, may opt to take a full year of Art in grade 11 and delay the Grade 11 Social Studies requirement until Grade 12. It is recommended that students who plan on majoring in the Visual Arts in college take four years of high school art.

FOUNDATIONS – STUDIO ART

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

This is an introductory course for **first time visual arts students**. This course revolves around the basic integrating forces that underlie all techniques of art: the Elements and Principles of Design. Design theory is integrated with basic color theory and proper drawing techniques to explore two and three-dimensional media. Visualization and abstraction are introduced along with art history and a variety of media including digital photography, computer assisted drawing and design.

FOUNDATIONS – COMPUTER GRAPHICS

759	Elective	Semester	Grades 9-12
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This is an introductory course for **first time visual arts students**. The course introduces the student to the basic techniques and aesthetics of producing art with the computer and related equipment. Basic design, composition, and color theory will be explored. Students will produce black & white and colored works. Some projects will be presented in the context of art history. The curriculum will build towards more conceptual and sophisticated projects 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.

Color theory, printing methods, drawing, painting, and sculpting are some of the topics explored using the subject of the portrait and self-portraiture. Compositional drawing is strengthened while learning the proportions of the face. Drawing from observation is stressed; however, abstraction is also studied. Art history continues to be integrated into our studio projects. Particular emphasis is placed on the development of architecture and medieval design. Design theory is developed further with the introduction of pottery, icons, and mosaic. This study is expanded with field trips to experience related works of art.

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.

In this course there is a continuation of design theory; and further work on techniques necessary to explore problems of greater complexity, both in terms of technical skill and compositional elements. Figure drawing classes introduce the basics: the skeleton and muscular system. Drawing from live models advances into the area of expression and emotion. All previously taught media and techniques are now approached from the idea of self-expression and creativity. Project based art history continues. Lessons are augmented with field trips.

SENIOR PORTFOLIO

752 Honors 1	Elective	All Year	Grade 12
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Seniors will be required to design and complete a total of twelve high quality original works in this class. Students will have the opportunity to explore personal interests and style. Students will also work on school-related projects and one group installation project. 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-nine 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. Advanced study requires that a significant amount of work be done outside of regular classes.

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 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.

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

VOCAL MUSIC

CHORUS 🎵

061	Elective	All Year	Grades 9-12
062	Elective	Semester	Grades 9-12

This course is offered to both male and female singers who wish to develop their choral singing skills. It includes voice training, basic music theory, and choral music reading. Both sacred and secular music will be performed. It will include concentration on more sophisticated styles of vocal music like jazz and close harmony, development of vocal technique, and musical skills with solo and ensemble evaluations. Requirements include attendance at all scheduled rehearsals and performances, including but not limited to Open House, Christmas Concert, Spring Concert, Emerald Club, 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 Select Choir, Senior Districts, or Junior Districts.

GIRLS' GLEE CLUB 🎵

063	Elective	All Year	Grades 9-12
064	Elective	Semester	Grades 9-12

This course is offered to provide an opportunity for interested girls to perform in a group of women's voices only. Both sacred and secular music will be performed, and the student will learn music for chorus as well as their own, and will participate in all concerts. Students will demonstrate their musical skills, developmental techniques, and understanding by solo and ensemble evaluations. Students who are enrolled in this course will become eligible to audition for Select Choir, Senior Districts, or Junior Districts.

POP IDOL WORKSHOP

065	Elective	All Year	Grades 9-12
066	Elective	Semester	Grades 9-12

Have you ever sung along with a CD into your bedroom mirror and dreamed of being a star? Here's your chance! Although there is no performance requirement other than in class, this vocal class has an emphasis on all aspects of pop. Learn how to select music that is good for your voice. Other vocal styles and technique will also be covered with solo evaluations throughout.

INSTRUMENTAL MUSIC

MUSICIANSHIP

070	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 music through listening, music history, and learning about different styles of music. The course will focus on strictly American music such as Jazz, Pop, and Rock and Roll. There is no performance requirement. The final written examination will include listening analysis.

CONCERT BAND 🎵

071	Elective	All Year	Grades 9-12
072	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

074	Elective	Semester 1 only	Grades 9-12
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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.

PERCUSSION II

077

Elective

Semester 2 only

Grades 9-12

Prerequisite: Successful completion of Percussion I

This course is a continuation of Percussion I but will focus more on students' individual interests within the parameters of learning percussion. Students will continue to develop stick control and technique through hands-on instruction on both contemporary and orchestral percussion instruments. The study of note and rhythm reading, and music language theory as it relates to percussion performance will also be included.

MUSIC THEORY AND COMPOSITION I

078

Elective

Semester 1 only

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.

MUSIC THEORY AND COMPOSITION II

079

Elective

Semester 2 only

Grades 9-12

Prerequisite: Successful completion of #078 MCS-I or approval of Department Chairperson.

This course is offered as a continuation of Music Composition and Songwriting I and will focus more on individual student composition and the more advanced concepts of music theory. Students will be required to compose and/or arrange music for various types of musical groups ranging from rock and jazz bands to small quartets and classical music ensembles. Emphasis will be on melody writing, harmonic progression, and proper music form.

THEATRE AND DANCE

INTRODUCTION TO THEATRE

781

Elective

All Year

Grades 9-12

782

Elective

Semester

Grades 9-12

This course introduces the art of theatre. Lectures help students examine all facets of technical theatre work. Students will also participate in various exercises, theatre games, discussions, and other training processes in order to develop their acting skills. Grades are based on performances, tests covering the technical theatre lectures, and the student's level of enthusiasm and performance with regard to their acting or training skill. The final examination consists of an extensive set of questions covering all lectures, and an evaluation of the work and performance of each student in a group play, a scene from a play, or a monologue.

THEATRE WORKSHOP I

784	Elective	All Year	Grades 10-12
785	Elective	Semester	Grades 10-12

Prerequisite: Successful completion (80 or better) in Introduction to Theatre (781 or 782).

This course is a continuation of Introduction to Theatre. A more advanced and professional approach is given to theories and techniques through practice in acting, mime, makeup, stagecraft, scene and production analysis, and so forth. This course is designed for students who have a strong interest in theatre.

THEATRE WORKSHOP II

787	Elective	All Year	Grades 11-12
788	Elective	Semester	Grades 11-12

Prerequisite: Successful completion (80 or better) in Introduction to Theatre (781 or 782) and Theatre Workshop I (784-785).

This class will continue the development of theatre skills that will include acting, directing, set design, choreography, blocking, and limited lighting. The class will participate in a complete theatre production, completely independent of a professional director; however, the teacher will supervise it. The goal of the course is to develop a more concentrated awareness and appreciation of theatre, build a strong self-esteem, and to develop people skills by working toward a common goal.

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 fox trot, waltz, cha-cha, tango, mambo, intro to salsa, swing, and intro to hip-hop.

HEALTH AND 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.

INTEGRATED SKILLS

STUDY SKILLS

812	Elective	Semester	Grade 9
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This course is designed to facilitate the learning skills necessary to be successful in our core curriculum. The focus will be on identifying individual learning styles and developing lifelong study habits. Students will build proficiency in: time management, note taking, outlining and organization skills using written materials, enhancing memory, goal setting and application strategies. Critical thinking, test taking techniques, and sound habits of home study will be addressed using strategic organizational methods. Students will identify with Academic Integrity and Internet Safety and how it applies to everyday life.

This course also includes instruction on current methods for writing a term paper and conducting a book review, and offers basic instruction on best use of technology. Students will develop efficient and effective techniques for using library and internet references and resource materials including: search engines and directories, electronic data bases, other library resources, and website evaluation. Assessment for the course includes in-class and homework assignments, class participation, and the successful completion of a research paper. **This is a Pass/Fail course.**

SAT TEST PREP

919	Required	Semester	Grade 10 or 11
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This course familiarizes the student with the format of the SAT examinations and emphasizes the development of standardized test taking strategies. Vocabulary development and critical reading comprehension are stressed, and a review of arithmetic, algebra, and geometry is presented. Students practice using sample exams several times over the course of the semester. Students will be assigned an English teacher for one quarter and a mathematics teacher during the other quarter. **This is a Pass/Fail 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

- Scholarship: Students must have attained a cumulative **weighted** grade point average of 3.5 or higher at the conclusion of the sophomore 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 90 in Art with no semester grade below 85.
- Candidates may not have failed a course in any other subject.
- 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.
- All candidates must be in good disciplinary standing.

Music Honor Society -- Tri-M

- Candidates must be enrolled in 10th, 11th, or 12th grade.
- Candidates must have a three consecutive semester average grade of 95 in any performing music course with no semester grade below 90.
- Candidates may not have failed or received an "Incomplete" in any other subject.
- All candidates may be required to submit a written essay and/or perform a prepared music audition piece.
- 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 85 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 receive a 90 average in each Social Studies course.
- There is a three point differential from H1 to AP (i.e.: 87 becomes a 90).
- 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 92 for three consecutive semesters at Bishop Feehan in Spanish, with no quarter below an 80.
- Officers must be enrolled in a Spanish class during the year they serve in that capacity.
- All candidates must be in good disciplinary standing.