

# Bishop Fenwick High School

## Course Offerings 2016 - 2017

99 MARGIN STREET



PEABODY, MA 01960

### GRADE 9

#### Requirements:

Religious Studies I  
 English I  
 Algebra /Geometry  
 Biology  
 Spanish/French I or II  
 ✦US History I  
 Intro. To Art  
 Health & Wellness I

#### Electives:

✦Students may elect  
 Band, Concert Choir  
 or Drawing & Painting  
 as an Alternate Course

### GRADE 10

#### Requirements:

Religious Studies II  
 English II  
 Geometry/Algebra II  
 Spanish/French II or III  
 Basic Computer Apps  
 Health & Wellness II

#### Electives:

#### **CHOOSE 2**

Chemistry or  
 Intro. To Chem/ Physics  
 World History or  
 European History AP  
 Jazz/Concert Band  
 Concert Choir  
 An Art Course

### GRADE 11

#### Requirements:

Religious Studies III:  
 Catholic Morality/Social Justice  
 English III or  
 English AP - Lang & Comp  
 Mathematics  
 US History II  
 Writ/SAT/ACT Prep  
 Two Electives (See Below)

### GRADE 12

#### Requirements:

Religious Studies IV:  
 Christian Life/Facing Hist&Ourselves  
 English IV or  
 English AP - Lang & Comp or  
 English AP - Lit & Comp  
 Mathematics  
 Three Electives (See Below)

### GRADE 11 & 12

#### Electives

Advanced Art  
 Adv. Algebra & Statistics  
 American Gov & Polit \*\*  
 Anatomy & Physiology  
 Biology AP  
 Business Fundamentals \*\*  
 Calculus AP  
 Calculus Honors

Chemistry I  
 Chemistry AP  
 Concert Choir  
 Drawing & Painting  
 Environmental Science  
 European History AP  
 French AP - Lang & Cult  
 French I, II, III, IV  
 Gov. & World Issues

Intro. To Health Care  
 Science \*\*  
 Intro. To Prog. & Lab \*\*  
 Jazz/Concert Band  
 Law Studies  
 Mass Communications  
 Physics I  
 Photography  
 Precalculus

Psychology  
 Psychology AP  
 Public Speaking  
 Sculpture  
 Spanish AP - Lang & Cult  
 Spanish I, II, III, IV  
 Studio Art  
 US History AP  
 VHS\*

#### \* Virtual High School -

On line courses, may be selected as an elective or an additional course.

#### \*\* Dual Enrollment

Courses through Endicott College and/or Regis College - may be selected as an elective or an additional course.

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**B**ishop Fenwick High School is a Catholic, college preparatory, co-educational, central high school accredited by the New England Association of Schools and Colleges. In its philosophy, Bishop Fenwick is committed to the following academic objectives:

*A challenging but flexible academic curriculum that fosters life-long skills of intellectual curiosity, critical thinking and independent judgement, while providing for individual needs and creativity.*  
*A fine arts curriculum that awakens a sense of wonder, nurtures creativity and develops technical skills.*  
*A physical education program that develops physical skills and a sense of fair play as well as habits of good health.*

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**CREDITS REQUIRED FOR GRADUATION**

4 Religion	3 Social Studies
4 English	1 Health & Wellness
2 Foreign Lang	4 Electives
4 Mathematics	.5 Fine Arts
3 Science	.5 Basic Computer Applications
	.5 Writ/SAT/ACT Prep

**CREDITS RECOMMENDED  
BY  
FOUR YEAR COLLEGES\***

4	English
3	Foreign Language
3-4	Mathematics
3-4	Science
3	Social Studies
4-6	Fine Arts & Electives

\*Depending on type of school and programs of interest.

**IMPORTANT INFORMATION:**

1. Students are advised to take the time to read the Course Descriptions very carefully. They should note especially courses which have requirements and pre-requisites.
2. Courses will not be scheduled unless there are a sufficient number of students signing into them.
3. Scheduling procedures may require the exchange of first and second semester courses.
4. **A fee is required for AP, Dual Enrollment courses through Endicott College and Regis College, and VHS courses.**

**The fee for Advanced Placement courses will be \$95.00.**

**The fee for VHS courses will be \$105.00.**

**The fee for Endicott College courses will be:**

**Amer. Gov. & Business Fund. - \$180.00 plus textbook & \$25.00 registration fee.**

**Intro. to Programming & Lab - \$205.00 plus textbook & \$25.00 registration fee.**

**The fee for Regis College will be \$600.00 plus the textbook.**

# Bishop Fenwick High School

## Course Listing 2016-2017

### RELIGIOUS STUDIES DEPARTMENT

**101 Religious Studies I Grade 9**  
**Full Year One Credit**

This is a full year survey course designed to give students a comprehensive overview of Catholic beliefs and practice. Topics to be covered include Faith, Revelation, Scripture, Trinity, Church, Tradition, Sacraments, Spirituality and Prayer.

**103 Religious Studies II Grade 10**  
**Full Year One Credit**

This course will integrate specific themes which are central to the study of both the Hebrew Scriptures and the Christian Scriptures. Some themes to be explored are Revelation, Promise, Compassion, Faith, Forgiveness, Justice, Service, and Trust. The goal of this course is for students to comprehend the roots of the Judeo-Christian tradition, to interpret present-day issues against this tradition, and to foster their spiritual growth.

**105 Religious Studies III Grade 11**  
**Full Year One Credit**

The Religious Studies Program for juniors is divided into two sections.

**Catholic Morality:** This section deals with moral decision making in the light of Catholic Christian teaching. It examines various aspects of conscience formation, and is designed to help the student make intelligent, logical, and compassionate moral decisions which reflect their Catholic Christian education.

**Social Justice:** This section focuses on Social Justice. Jesus spoke of the world as a place in need of justice. Students examine the call to social justice, and look at a variety of contemporary areas of concern including poverty, hunger, sexism, racism, ecology and peacemaking. This course is intended to encourage a creative and hopeful response to the call to justice.

**109 Religious Studies IV Grade 12**  
**Full Year One Credit**

This Religious Studies Program for seniors is divided into two sections.

**Christian Life and Vocation:** Keeping in mind the growth of each student as an individual, this section explores marriage, the single life, and the consecrated/religious/ordained life within the Church and within the wider community. Communication and discernment and their importance are stressed. It is hoped that, by means of class presentations, readings, and class discussions, each student will come to envision his/her future with deepened awareness.

**Facing History & Ourselves:** This section is intended to cultivate thoughtful, competent, and creative students who see themselves as active participants in creating a more just and compassionate society. Using the Holocaust as an extended case study, students will be engaged in an examination of topics including: identity and membership, society's influence on the individual, community and the common good, racism, prejudice, and anti-Semitism, rights and responsibilities, reconciliation, the promotion of peace and participation in society. This program employs a creative and innovative pedagogy which encourages interactive learning and brings issues which lie at the heart of Catholic social teaching to life in the classroom.

### **All seniors must complete the Senior Service Project through Campus Ministry.**

An important graduation requirement at Bishop Fenwick High School is the completion of 45 hours of community service. *As a Christian community, Bishop Fenwick is committed to fostering in its students a particular appreciation and concern for the poor and marginalized in our world.* The program is scheduled during a nine-day period at a service site preapproved by the Director of Campus Ministry. Essential project requirements include volunteer work that focuses on serving and working with people in need conducted at a nonprofit agency. Volunteer hours must be performed during designated school days and hours at the end of the senior year.

## ENGLISH DEPARTMENT

**201 English I - Honors Grade 9**  
**Full Year One Credit**

This survey course introduces students to the major literary genres: short story, poetry, drama, and the novel. The literature studied ranges from classical to contemporary authors. Students supplement classroom study with outside reading assignments. Students complete a variety of reports including research techniques that stress correct grammatical structure and usage. In addition, SAT vocabulary words will be reviewed. Oral presentations and class discussion are an integral part of this course. All students are required to write a research paper.

**203 English I Grade 9**  
**Full Year One Credit**

This course provides an integrated approach to the study of literature and composition. Students are introduced to the major literary genres and learn to analyze and critique short stories, poems, drama, and novels. Throughout the writing program, students learn sentence structure, paragraph development, and proper use of mechanics. SAT vocabulary is an integral part of this course. Critical reports and research techniques are required. All students are required to write a research paper.

**203A English I Grade 9**  
**Full Year One Credit**

This course follows the same syllabus as English I - 203, but more attention is given to grammar, usage and writing skills. SAT vocabulary is an integral part of this course. All students are required to write a research paper.

**207 English II - Honors Grade 10**  
**Full Year One Credit**

In this course, students analyze and evaluate significant developments in the American experience as reflected in the literature from the 16<sup>th</sup> through the 20<sup>th</sup> Century. The writing skills covered in this course stress literary analysis and research techniques. SAT vocabulary will be reviewed. Students are expected to master oral discussion skills through class presentations. All students are required to write a research paper.

*Pre-requisite: A student must have an A- or better in English I and receive Department Recommendation. Honors level students must have a B or better in Honors English I and Department Recommendation.*

**209 English II Grade 10**  
**Full Year One Credit**

This course offers a survey of American literature from the Colonial Period to the 20<sup>th</sup> Century with an overview of the social, intellectual and philosophical developments in America. The application of the rules of correct English usage and the principles of composition are emphasized in critical papers including a research report. SAT vocabulary is an integral part of this course. Students are presented with opportunities to enhance oral skills through class discussion and presentations. All students are required to write a research paper.

**209A English II Grade 10**  
**Full Year One Credit**

This course is structured around the same syllabus as English II, but more attention is paid to writing and analysis skills. SAT vocabulary is an integral part of this course. All students are required to write a research paper.

**213 English - Language & Composition -**  
**Advanced Placement Grades 11,12**  
**Full Year One Credit**

This course is for students who wish to receive advanced credit and/or placement in college. The content of the course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. The goals of an AP English Language and Composition course are diverse because the college composition course is one of the most varied in the curriculum. Readings will include, but will not be limited to a variety of biographies, autobiographies, literary criticisms, essays, political writings and fiction. In writing assignments, students will be encouraged to place their emphasis on content, purpose, and audience and to allow this focus to guide the organization of their writing. Extensive summer reading, submission of an acceptable research paper, and completion of the AP Examination in English Language and Composition are requirements of this course.

*Pre-requisite: English II Honors with an A- or better and Department Recommendation*

**215 English III - Honors Grade 11**  
**Full Year One Credit**

In this course, students analyze and evaluate significant developments in the British experience from the Anglo-Saxon period to the 20<sup>th</sup> Century. The writing skills covered in this course stress literary analysis and research techniques. Students are expected to master oral discussion skills through class presentations. Outside reading is required. All students are required to write a research paper.

*Pre-requisite: A student must have an A- or better in English II and receive Department Recommendation. Honors level students must have a B or better in Honors English II and Department Recommendation.*

**217 English III Grade 11**  
**Full Year One Credit**

This course offers a survey of British literature from the Anglo-Saxon period to the 20<sup>th</sup> Century with an overview of the cultural, social, political, intellectual, religious, economic, and scientific movements in Great Britain. Students will study literature from the Anglo-Saxon period through the modern era. Students will write a variety of critical, expository and creative papers. All students are required to write a research paper.

**219 English IV - Literature & Composition -  
Advanced Placement Grade 12  
Full Year One Credit**

This course is for students who wish to receive advanced credit and/or placement in college. The content of the course includes representative works from the four genres of literature, concentrating on the American and English traditions. Writing assignments include critical literary analysis, essays in exposition and argumentation, creative projects, and research papers. Extensive summer reading, submission of an acceptable research paper, and completion of the AP Examination are requirements of the course.

*Pre-requisite: English III Honors with an A- or better and Department Recommendation.*

**221 English IV - Honors Grade 12  
Full Year One Credit**

This course includes many of the great works of World Literature from the Greek period through the 21<sup>st</sup> Century. Students become familiar with the cultural/historical background of each period and the influence of each upon the literature of the time. The poetry, prose and drama readings are extensive and the critical essay and the research paper are stressed. Outside reading is required. All students are required to write a research paper.

*Pre-requisite: A student must have an A- or better in English III and receive Department Recommendation. Honors level students must have a B or better in Honors English III and Department Recommendation.*

**223 English IV Grade 12  
Full Year One Credit**

Students in this course will examine some of the great works of World Literature from ancient Greece through modern day. During the first semester, the focus will be on classical literature; works that have been read include the *Iliad*, *Antigone*, *Tristan and Iseult* and *Julius Caesar*. The second semester will focus on the study of modern novels. Works such as the *Kite Runner*, *In the Time of the Butterflies*, *Sarah's Key*, *The Book Thief*, *Last Days of Summer* and *Nineteen Minutes* are all books that have been read in this class. By the end of the course, students will be able to connect universal themes from early Greek times to modern day. In addition to class assessments, there will be outside reading, oral presentations, as well as both critical and reflective writing. All students are required to write a research paper.

**225 Writ/SAT/ACT Prep Grade 11  
Full Year One-half Credit**

This course covers the knowledge and strategies needed for all sections of the two major college entrance exams: the ACT and the redesigned SAT. The course will familiarize students with general information about the structure, time limits, scoring, and strategies of both exams. It will also review previously learned skills and give students practice using these skills on real test questions. Subjects covered include SAT & ACT Math, SAT Evidence-Based Writing & Language, ACT Science, ACT English, ACT Reading, the SAT & ACT Essays, and college writing skills. Students will use course books, official practice test sections, and online resources for this course.

**229 Mass Communications Grades 11,12  
First Semester One-half Credit**

This course is divided into two main areas: print and broadcast media. In addition to developing journalistic skills, the various components of mass media in today's society are discussed. Class projects include writing and presenting newspaper, magazine, television, movie, music, and advertising pieces. Study also includes creating news/information programs for the television and radio and discussions of ethical responsibility in the media.

**236 Public Speaking Grades 11,12  
Second Semester One-half Credit**

This course provides students an opportunity to develop skill and confidence speaking in front of groups. Activities include brief communication exercises, debates, and presenting informative, persuasive, and explanatory speeches. Students make repeated use of writing and research skills and practice speaking from manuscripts, note cards and visual aids. Students also learn to make PowerPoint presentations.

## **FOREIGN LANGUAGE DEPARTMENT**

**301 French I - Honors Grades 9,10,11  
Full Year One Credit**

This course aims to develop and strengthen the four language skills of listening, speaking, reading and writing. Concurrent with the reinforcement of material already learned, the students will be challenged with new knowledge of grammatical structures. Course work will include emphasis on reading and writing skills, oral interaction through speaking and listening practice, and exposure to French culture.

**303 French I Grades 9,10,11  
Full Year One Credit**

This course aims to develop the four language skills of listening, speaking, reading and writing. Concurrent with the reinforcement of material that the students may have already learned, they will acquire new knowledge of grammatical structures. The students' foundation will be strengthened by oral and written communicative and cultural exercises with exposure to French culture.

**305 French II - Honors Grades 9,10,11,12  
Full Year One Credit**

This course continues to develop and strengthen the four language skills of listening, speaking, reading and writing. It will challenge the students to master and retain fundamental grammatical principles. Increased emphasis will be given to reading and writing skills, oral interaction through listening and speaking practice, and continued exposure to French culture.

*Pre-requisite: A student must have an A- or better in French I and receive Department Recommendation. Honors level students must have a B or better in Honors French I and Department Recommendation.*

**307 French II** **Grades 9,10,11,12**  
**Full Year** **One Credit**

This course will continue to build on and add to the four language skills previously mastered. Listening and speaking skills will continue to be developed. Special attention will be given to the acquisition of writing skills through grammatical exercises and reading skills through cultural selections.

*Pre-requisite: French I and Department Recommendation.*

**309 French III - Honors** **Grades 10,11,12**  
**Full Year** **One Credit**

This course will entail an intensive development of the language skills of listening, speaking, reading and writing. Emphasis will be placed on challenging the students with advanced grammar and vocabulary. Continued development of reading skills, refinement of writing skills, and literary and cultural exploration will be an integral part of the course.

*Pre-requisite: A student must have an A- or better in French II and receive Department Recommendation. Honors level students must have a B or better in Honors French II and Department Recommendation.*

**311 French III** **Grades 10,11,12**  
**Full Year** **One Credit**

This course continues to reinforce the students' language skills and to build their proficiency using grammatical structures. Attention will be given to the acquisition of vocabulary through reading a variety of cultural selections. Students will continue to improve their comprehension and retention and cultivate their writing abilities.

*Pre-requisite: French II and Department Recommendation.*

**313 French IV - Honors** **Grades 11,12**  
**Full Year** **One Credit**

This course will consist of an intensive reinforcement of the language skills of listening, speaking, reading and writing. It will enable the students to maintain, strengthen and further the language skills already acquired. Focus will be on the development of reading skills through a variety of selections in order to enhance the appreciation of literature and culture. There will also be a continued development of written skills with an emphasis to reinforce and strengthen grammatical knowledge.

*Pre-requisite: A student must have an A- or better in French III and receive Department Recommendation. Honors level students must have a B or better in Honors French III and Department Recommendation.*

**315 French IV** **Grades 11,12**  
**Full Year** **One Credit**

This course is designed to reinforce and apply the language skills previously acquired, with an emphasis on a reading vocabulary and higher level grammar, enabling oral and written communication. Literary and cultural selections will be presented to enhance comprehension and to promote proficiency in written composition

*Pre-requisite: French III and Department Recommendation.*

**317 French Language and Culture - Advanced Placement**  
**Full Year** **Grade 12**  
**One Credit**

This course provides the opportunity for students to demonstrate their proficiency in the three modes of communication both orally and written: Interpersonal, Interpretive and Presentational. Authentic audio and written materials, reflecting the linguistic and cultural diversity of the francophone world will develop the students' listening abilities and will enhance students' vocabulary and reading ability. The course provides students with opportunities to develop their written and speaking skills reflecting viewpoints on various print and audio sources. A thematic approach will assist students to demonstrate comprehension of cultural perspectives and make comparisons between cultures and languages. All students will be required to take the Advanced Placement Examination in French Language and Culture upon completion of the course.

*Pre-requisite: French III Honors and Department Recommendation.*

**321 Spanish I - Honors** **Grades 9,10,11**  
**Full Year** **One Credit**

This course aims to develop and strengthen the four language skills of listening, speaking, reading and writing. Concurrent with the reinforcement of material already learned, the students will be challenged with new knowledge of grammatical structures. Course work will include emphasis on reading and writing skills, oral interaction through speaking and listening practice, and exposure to Hispanic culture.

**323 Spanish I** **Grades 9,10,11**  
**Full Year** **One Credit**

This course aims to develop the four language skills of listening, speaking, reading and writing. Concurrent with the reinforcement of material that the students may have already learned, they will acquire new knowledge of grammatical structures. The students' foundation will be strengthened by oral and written communicative and cultural exercises with exposure to Hispanic culture.

**323A Spanish I** **Grades 9,10**  
**Full Year** **One Credit**

This course centers on the development of the four language skills of listening, speaking, reading and writing. Focus will be on the pronunciation, writing and spelling. The students will acquire new knowledge of grammatical structures. Listening and reading comprehension skills will be developed through exposure to Hispanic culture.

**327 Spanish II - Honors** **Grades 9,10,11,12**  
**Full Year** **One Credit**

This course continues to develop and strengthen the four language skills of listening, speaking, reading and writing. It will challenge the students to master and retain fundamental grammatical principles. Increased emphasis will be given to reading and writing skills, oral interaction through listening and speaking practice, and continued exposure to Hispanic culture.

*Pre-requisite: A student must have an A- or better in Spanish I and receive Department Recommendation. Honors level students must have a B or better in Honors Spanish I and Department Recommendation.*

**329 Spanish II** **Grades 9,10,11,12**  
**Full Year** **One Credit**

This course will continue to build on and add to the four language skills previously mastered. Listening and speaking skills will continue to be developed. Special attention will be given to the acquisition of writing skills through grammatical exercises and reading skills through cultural selections.

*Pre-requisite: Spanish I and Department Recommendation.*

**329A Spanish II** **Grades 10,11,12**  
**Full Year** **One Credit**

This course continues to develop the students' speaking listening, reading and writing skills. The students will acquire new knowledge of grammatical structures and vocabulary with an emphasis on improved writing and spelling skills. Listening and reading comprehension will be developed through exposure to Hispanic culture.

*Pre-requisite: Spanish I and Department Recommendation.*

**333 Spanish III - Honors** **Grades 10,11,12**  
**Full Year** **One Credit**

This course will entail an intensive development of the language skills of listening, speaking, reading and writing. Emphasis will be placed on challenging the students with advanced grammar and vocabulary. Continued development of reading skills, refinement of writing skills, and cultural exploration will be an integral part of the course.

*Pre-requisite: A student must have an A- or better in Spanish II and receive Department Recommendation. Honors level students must have a B or better in Honors Spanish II and Department Recommendation.*

**335 Spanish III** **Grades 10,11,12**  
**Full Year** **One Credit**

This course continues to reinforce the students' language skills and to build their proficiency using grammatical structures. Attention will be given to the acquisition of vocabulary through reading a variety of cultural selections. Students will continue to improve their comprehension and retention and cultivate their writing abilities.

*Pre-requisite: Spanish II and Department Recommendation.*

**337 Spanish IV - Honors** **Grades 11,12**  
**Full Year** **One Credit**

This course will consist of an intensive reinforcement of the language skills of listening, speaking, reading and writing. It will enable the students to maintain, strengthen and further the language skills already acquired. Focus will be on the development of reading skills through a variety of selections in order to enhance the appreciation of literature and culture. There will also be a continued development of written skills with an emphasis to reinforce and strengthen grammatical knowledge.

*Pre-requisite: A student must have an A- or better in Spanish III and receive Department Recommendation. Honors level students must have a B or better in Honors Spanish III and Department Recommendation.*

**339 Spanish IV** **Grades 11,12**  
**Full Year** **One Credit**

This course is designed to reinforce and apply the language skills previously acquired, with an emphasis on a reading vocabulary and higher level grammar, enabling oral and written communication. Literary and cultural selections will be presented to enhance comprehension and to promote proficiency in written composition.

*Pre-requisite: Spanish III and Department Recommendation.*

**341 Spanish Language and Culture - Advanced Placement**  
**Full Year** **Grade 12**  
**One Credit**

This course provides the opportunity for students to demonstrate spoken and written proficiency in a variety of situations, employing the Interpersonal, Interpretive, and Presentation modes of communication. The course will emphasize an awareness and appreciation of cultural products, practices, and perspectives of the various cultures of the Spanish-speaking world. Students will explore themes that enhance their vocabulary and promote their listening, speaking, reading, and writing abilities. All students will be required to take the Advanced Placement Examination in Spanish Language and Culture upon completion of the course.

*Pre-requisite: Spanish III Honors and Department Recommendation.*

## **MATHEMATICS DEPARTMENT**

**401 Algebra I - Honors** **Grade 9**  
**Full Year** **One Credit**

This course provides a comprehensive and challenging study of algebraic concepts using multiple representations to highlight the connections between various approaches to problem solving. Emphasis is placed on fostering thinking and self reliance. Major topics include: Solving linear equations and inequalities, graphing functions, solving systems of linear equations and inequalities, operations with polynomials, factoring polynomials, radical expressions, rational expressions and an introduction to quadratic functions. A TI-83/84 graphing calculator is required for this course.

**403 Algebra I** **Grade 9**  
**Full Year** **One Credit**

This course provides a study of linear concepts and skills development, application of these skills, and development of analytical thinking in problem solving situations. Multiple representations of concepts will be used to highlight the connections between various approaches to problem solving. Major topics include: simplifying and evaluating algebraic expressions, solving linear equations and inequalities, graphing functions, solving systems of linear equations and inequalities, operations with polynomials, factoring and radical expressions. A TI-83/84 graphing calculator is required for this course.

**403A Algebra I** **Grade 9**  
**Full Year** **One Credit**

This course provides a study of linear concepts and skills development, application of these skills, and the development of analytical thinking in problem solving situations. Basic math skills will be reviewed throughout this course. Major topics include: operations with real numbers, simplifying and evaluating algebraic expressions, solving linear equations and inequalities, graphing functions, solving systems of linear equations, operations with polynomials and factoring. A scientific calculator is required for this course.

**407 Geometry - Honors** **Grades 9,10**  
**Full Year** **One Credit**

This course provides a challenging and rigorous study of geometric concepts and principles. Students will explore varied techniques of geometric proof and logic. Topics covered in depth include parallel lines and planes, congruency, quadrilaterals, similarity, inequalities in geometry, right triangles, circle relationships, area and volume. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: A student must have an A- or better in Algebra I and receive Department Recommendation. Honors level students must have a B or better in Honors Algebra I and Department Recommendation.*

**409 Geometry** **Grades 9,10**  
**Full Year** **One Credit**

This course is designed to develop the student's spatial visualization while building his/her knowledge of the relationships among geometric elements. Topics covered include basics of geometry, reasoning and proof, parallel and perpendicular lines, triangles, polygons, congruency, similarity, right triangles and trigonometric ratios, circles, area and volume. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: Algebra I and Department Recommendation.*

**409A Geometry** **Grade 10**  
**Full Year** **One Credit**

This course is designed to develop the student's spatial visualization while building his/her knowledge of the relationships among geometric elements. Topics covered include basics of geometry, applications, reasoning, parallel and perpendicular lines, triangles, Pythagorean Theorem, polygons, congruency, similarity, right triangles and trigonometric ratios, circles, area and volume. A scientific calculator is required for this course.

*Pre-requisite: Algebra I and Department Recommendation.*

**413 Algebra II - Honors** **Grades 10,11**  
**Full Year** **One Credit**

This course is designed to provide the student with a comprehensive foundation of pre-college algebra; the course will lead the student to an understanding of algebra as a field of numbers, real and complex. Development of comprehensive solutions to analytical problems will provide the student with the opportunity to develop and apply knowledge of mathematics to both practical and theoretical situations. Some topics covered are quadratic equations and inequalities, quadratic functions, polynomial equations and functions, sequences and series, radicals and irrational numbers and exponents. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: A student must have an A- or better in Algebra I and receive Department Recommendation. Honors level students must have a B or better in Honors Algebra I and Department Recommendation.*

**415 Algebra II** **Grades 10,11**  
**Full Year** **One Credit**

This course is intended to further extend linear algebra concepts with emphasis on developing quadratic and higher degree concepts. Problem solving with various applications will be explored throughout the course. Some topics covered include quadratic equations and inequalities, quadratic functions, polynomials and polynomial functions, rational equations and functions, radicals, rational exponents, and complex numbers. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: Algebra I and Department Recommendation.*

**415A Algebra II** **Grade 11**  
**Full Year** **One Credit**

This course involves an in-depth review of the topics covered in Algebra I and a concentrated approach to the skills and concepts of Algebra II. Emphasis is on the study of functions, rational expressions, radicals, quadratic equations, and problem solving. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: Algebra I and Department Recommendation.*

**419 Advanced Algebra & Statistics** **Grade 12**  
**Full Year** **One Credit**

This course is designed to provide the student with the opportunity to further reinforce his or her algebraic skills and to provide an introduction to statistics. First quarter will incorporate SAT/ACT preparation. Problem solving is emphasized through the course. Major topics include: multiple representations of linear, quadratic, exponential, and rational functions as well as operations with polynomials and radical expressions. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: Algebra II and Department Recommendation.*

**421 Precalculus - Honors** **Grades 11,12**  
**Full Year** **One Credit**

This course provides a strong foundation of precalculus concepts, techniques, and applications to prepare students for advanced work in college level mathematics. Students will use graphing calculators and/or the computer as tools to facilitate learning. Major topics include: multiple representations of polynomial, power, rational, exponential, logistic, logarithmic and trigonometric functions plus sequences and limits of functions. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: A student must have an A- or better in Algebra II and receive Department Recommendation. Honors level students must have a B or better in Honors Algebra II and Department Recommendation.*

**423 Precalculus** **Grades 11,12**  
**Full Year** **One Credit**

This course is designed to help students make the transition from algebra into college level mathematics. Students will acquire a solid foundation in algebra and trigonometry with an emphasis on developing problem solving skills. Students will use graphing calculators and/or the computer as tools to facilitate learning. Major topics include: multiple representations of linear, polynomial, rational, exponential, logistic, logarithmic, and trigonometric functions. A TI-83/84 graphing calculator is required for this course.

*Pre-requisite: Algebra II and Department Recommendation.*





## SOCIAL STUDIES DEPARTMENT

**601 United States History 1 - Honors**  
**Full Year** **Grade 9**  
**One Credit**

This course is a survey from colonial times to the Civil War as an overview of the development and maturation of American society in the "New World" as well as an introduction to historical thinking and writing. This course will stress the interconnectedness of social, economic, and political history. Students explore critical thinking skills of analysis, evaluation, and interpretation from the historians perspective with multiple supplemental readings and papers.

**603 United States History 1**  
**Full Year** **Grade 9**  
**One Credit**

This course is a survey from colonial times to the Civil War as an overview of the development and maturation of American society in the "New World" as well as an introduction to historical thinking and writing. This course will stress the interconnectedness of social, economic, and political history. Students explore critical thinking skills of analysis, evaluation, and interpretation from the historians perspective with multiple supplemental readings and papers.

**603A United States History I**  
**Full Year** **Grade 9**  
**One Credit**

This course is a survey from colonial times to the Civil War as an overview of the development and maturation of American society in the "New World" as well as an introduction to historical thinking and writing. This course will stress the interconnectedness of social, economic, and political history. Students explore critical thinking skills of analysis, evaluation, and interpretation from the historians perspective with multiple supplemental readings and papers.

**605 European History – Advanced Placement**  
**Full Year** **Grades 10, 12**  
**One Credit**

This course covers an in depth analysis of the major events, themes, and impact of European History from approximately 1450 (the High Renaissance) to the present. It emphasizes relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. This course will focus on the cultural, diplomatic, economic, intellectual, political, and social history of Europe from 1450-2001. The entire chronological scope and a range of approaches are incorporated throughout the course. Students will be required to take the Advanced Placement Test.

*Pre-requisite: US History I Honors with an A- or better and Department Recommendation.*

**607 World History - Honors**  
**Full Year** **Grade 10**  
**One Credit**

The first part of this course will challenge the student to be "interactive" and "think" about the cultures of India, China, and Japan, understanding their impact on the global society. The second part of this course will survey Europe in the nineteenth and twentieth centuries with emphasis on revolutions, socialism, communism, and capitalism.

*Pre-requisite: A student must have an A- or better in US History I and receive Department Recommendation. Honors level students must have a B or better in Honors US History I and Department Recommendation.*

**609 World History**  
**Full Year** **Grade 10**  
**One Credit**

The first part of this course will challenge the student to be "interactive" and "think" about the cultures of India, China, and Japan, understanding their impact on the global society. The second part of this course will survey Europe in the nineteenth and twentieth centuries with emphasis on revolutions, socialism, communism, and capitalism.

**609A World History**  
**Full Year** **Grade 10**  
**One Credit**

The first part of this course will challenge the student to be "interactive" and "think" about the cultures of India, China, and Japan, understanding their impact on the global society. The second part of this course will survey Europe in the nineteenth and twentieth centuries with emphasis on revolutions, socialism, communism, and capitalism. In this course more attention will be paid to organization and analysis skills.

*Pre-requisite: Department Recommendation.*

**613 United States History - Advanced Placement**  
**Full Year** **Grade 11**  
**One Credit**

This is an advanced level course challenging the student to do college work. The Advanced Placement credit given for this course is recognized and accepted by many colleges and will allow the student to move to more advanced courses at the college level. It is a full year course covering the entire span of American history. Emphasis is placed upon the political, social, and economic institutions of the United States. Present day problems, domestic and international, are discussed. Particular attention will be given to supplementary readings and the successful completion of a research paper. Students will be required to take the Advanced Placement test.

*Pre-requisite: US History I Honors with an A- or better and Department Recommendation.*

**615 United States History II - Honors**  
**Full Year** **Grade 11**  
**One Credit**

Emphasis will be on significant developments in the total American experience and students will be analyzing and evaluating these developments. They will be expected to work towards a personal stance with respect to values and issues in contemporary America. To do this, students will participate in a wide range of educational activities such as readings, discussions, independent research paper.

*Pre-requisite: A student must have an A- or better in US History I and receive Department Recommendation. Honors level students must have a B or better in Honors US History I and Department Recommendation.*

**617 United States History II**  
**Full Year** **Grade 11**  
**One Credit**

American History is designed to examine the political, social, economic and intellectual development of our nation from its European origins to a place of world leadership in this century. Students will be asked to reflect upon choices which our country has made in light of possible options available at that time. Emphasis will be placed in the major historical events of the eighteenth, nineteenth and twentieth centuries. The students will develop an open-minded approach to the trends of history as well as the necessity for factual information he/she will use to support interpretation. Multiple supplementary readings are required and all students must submit an acceptable research paper in order to receive credit for the course.

**621 Government & World Issues - Honors**  
**Full Year** **Grade 12**  
**One Credit**

This course is an in-depth study of various types of government such as democracy, socialism, and communism. Special emphasis is given to the understanding of the American federal government and influence in everyday life addressing the topics of political parties, propaganda, foreign and economic policies. Current world issues are studied in the second half of the course through the use of a news magazine. There will be extensive supplementary readings and class discussions.

*Pre-requisite: A student must have an A- or better in US History II and receive Department Recommendation. Honors level students must have a B or better in Honors US History II and Department Recommendation.*

**623 Government & World Issues Grade 12**  
**Full Year** **One Credit**

This course is designed to offer students an opportunity to study about government: federal, state and local. The laws of such governments are studied in relationship to the political and economic system of capitalism, socialism, and communism. With the understanding of such concepts, students will have a greater depth of comprehension when studying current world issues, such as: nuclear war, terrorism, overpopulation and depleting resources. Basic textbooks, a news magazine and related readings, supplement this program. Students are required to have a speaker for second semester.

**625/626 Psychology** **Grade 11,12**  
**First/Second Semester** **One-half Credit**

This course is concerned with the study of human behavior. The topics discussed are personality, motivation, emotions, mental health, and social behavior. It is directed toward developing the students' awareness of psychology as being the mechanics of everyday living. There will be outside supplementary readings and projects.

**627/628 Law Studies** **Grade 11,12**  
**First/Second Semester** **One-half Credit**

This course will provide an understanding of practical law (criminal, civil, and individual's rights) which will be of use to students in their everyday lives. An analysis of case law will provide the opportunity for the student to improve analytical skills and promote critical thinking. The course will expose the student to the many vocational possibilities which exist within the legal system. The student will be required to submit a research paper and make supplementary readings.

**631 Psychology** **Advanced Placement**  
**Full Year** **Grade 11,12**  
**One Credit**

The AP Psychology course is designed to introduce students to the systematic and scientific study of behavior and the mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn the ethic and methods psychologists use in their science and practice. Particular attention will be given to supplementary readings and the successful completion of research based assignments. Students will be required to take the Advanced Placement Test

*Pre-requisite: A- or better in the nearest Honors History course.*

## Endicott College Courses

**633 American Government and Politics**  
**First Semester** **Grades 11,12**  
**One-half Credit - BF** **3 Credits – Endicott**

A synthesis of the theoretical, constitutional and pragmatic aspects of the United States. Such topics as federalism, constitutional analysis, civil liberties and contemporary politics are considered.

*Pre-requisite: Guidance Counselor Recommendation.*

**708 Business Fundamentals I**  
**Second Semester** **Grades 11,12**  
**One-half Credit – BF** **3 Credits - Endicott**

Provides students with knowledge and skill required to be successful in college business courses. Topics include basic economics, global business considerations, business ethics, business formation, management, marketing, product development and distribution, accounting, financial management, and information technology.

*Pre-requisite: Guidance Counselor Recommendation.*

**710 Introduction to Programming and Lab**  
**Second Semester** **Grades 11,12**  
**One-half Credit – BF** **3 Credits – Endicott**

Provides an introduction to computer concepts and functions. Introduces problem-solving methods and algorithm development using software programming. Includes procedural and data abstractions, program design, debugging, testing, and documentation. Covers data types, control structures, functions, parameter passing, library functions, and arrays. Weekly programming laboratory exercises in C++.

*Pre-requisite: Guidance Counselor Recommendation.*

## BUSINESS & COMPUTERS

**703/704 Basic Computer Applications**  
**First/Second Semester** **Grade 10**  
**One-half Credit**

This computer literacy course uses Windows and Microsoft Office Professional. It is designed to teach students the computer applications that they will need to successfully complete the various computer projects they will encounter in their courses at Bishop Fenwick. They will cover Word, Excel, and OneNote.

## VIRTUAL HIGH SCHOOL

### **711 Virtual High School (VHS) Grades 11,12 Full Year One Credit**

Virtual High School is a collaborative of high schools from around the world which contribute on line courses to students from member schools. As a member, Bishop Fenwick students may apply to take an online course provided certain requirements are met: the course meets the standards of Bishop Fenwick, the course is not offered at Bishop Fenwick, the student meets the pre-requisites for the course. Course lists and descriptions may be obtained from the guidance office or on line at [www.thevhscollaborative.org](http://www.thevhscollaborative.org). Some of the more popular courses include AP Statistics, AP Environmental Science, Bioethics, Eastern & Western Thought, Investing in the Stock Market, Pre-veterinary Medicine, Entrepreneurship and Irish Literature. Although these courses are taken during the school day they are treated as "independent study" courses and therefore students must be approved before enrolling. Application forms are located in the guidance office and must be filled out in addition to the standard course selection form.

*Pre-requisite: Meet pre-requisite of courses as specified by VHS and approved Application form.*

### **713/714 Virtual High School (VHS) Grades 11,12 First/Second Semester One-half Credit**

### Sample VHS Courses

See VHS course catalog for more options.

### **Computer Animation with Scratch Grades 11,12 One Semester One-half Credit**

In this course, students will begin by programming simple shapes to move and interact with each other. Then, they will learn how to add sound effects and music to their project. Soon, each student will have a full portfolio of their own art, stories, and games. The class will even have an "interactive dance party!" Students who enjoy working on the computer, creating characters, writing stories, or playing games will all find a fun opportunity with Scratch. Students will spend time every week working on ideas in an online design journal, and they will provide creative and technical feedback to each other through discussions and group activities.

### **Computer Science - Honors Grades 11,12 One Semester One-half Credit**

This course is an introduction to computer science, covering the basic concepts and elements of the Java programming language and introducing object-oriented programming. Students will gain experience writing programs that are well documented according to industry standards and will have the opportunity to create Java Applets and learn about Graphical User Interface programming with swing. Additionally, the students will be encouraged to work both independently and collaboratively to solve practical problems that illustrate application-building techniques.

### **Programming in Visual Basic Grades 11,12 One Semester One-half Credit**

This course is an exploratory programming course that uses one of the easiest programming languages in the world today, Visual Basic. It's a graphically-oriented language that allows for the easy construction of useful programs. Students will gradually build a vocabulary and syntax to create programs that meet specific guidelines. The logic and creativity used in solving the course problems will enlarge a student's capacity for problem-solving in all other disciplines.

### **Web Design Grades 11 12 One Semester One-half Credit**

Through collaborative and individual activities, students will gain historical background, explore the current status of web design, and take a peek into what the future holds. They will examine the relationships between goals, audience, content, and function of websites. Students will learn how to effectively plan both basic and advanced design elements, including typography, graphics, audio, video, and animation, in order to develop a website that appeals to both client and audience alike. They will learn to work with a client, solicit feedback from your audience, and respond to suggestions from many spheres.

## FINE ARTS DEPARTMENT

### **801 Introduction to Art Grade 9 Full Year One-half Credit**

This course is an introduction to the basic principles of "Making Art." Students will explore several media including ink, collage, pencil, colored pencil and many others. They will also have the chance to participate in an art show and display their best works.

### **803 Drawing and Painting Grades 9,10,11,12 Full Year One Credit**

Learning to draw means to make disciplined discerning judgments about the visual qualities of forms and the space they occupy. We do this by exploring various methods using traditional and invented tools as media. This course is the beginning of an involved foundation in preparation for the serious student in the field of art. Pencil, charcoal, watercolor, computers, and various other materials will be explored. Computers are used for art history and as an art tool.

*Pre-requisite: Department Recommendation*

### **807 Studio Art Grades 10,11,12 Full Year One Credit**

This course explores the use of concepts integrated with technical skill. Students will use these skills in drawing, painting, printmaking, architecture, photography, 3-D sculpture and multimedia. Students will use computers as a tool to complete assignments for some projects. A strong emphasis will be placed on homework and drawing ability. This course is for the serious student.

*Pre-requisite: Drawing and Painting and/or Department Recommendation.*

**809      Advanced Art - Honors      Grade 12**  
**Full Year                                      One Credit**

This course is designed to offer a rigorous in-depth program of study for those choosing a major in the field of art or wishing to study art in an intensive manner. The first and part of the second semester of this program will concentrate on portfolio requirements; part of the last semester will encourage personal artistic growth. The emphasis will be on visual and technical skills with student's creativity. All students taking this course must exhibit in the Bishop Fenwick Art Show with an exit portfolio. Computers are used in this course for research.

*Pre-requisite: Drawing and Painting, Studio Art, and/or Department Recommendation.*

**813      Sculpture                                      Grades 10,11,12**  
**Full Year                                      One Credit**

This is a multi-leveled course in which students will develop skills in creating three-dimensional art. Projects will emphasize technique, form and content in both reductive and additive processes. This is a hands-on class where students will continue to explore the Elements and Principles of Design. All students will be expected to brainstorm ideas for projects assigned in class. Materials used include clay, cardboard, wire, soap, paper and found objects.

**815      Photography                                      Grades 11,12**  
**Full Year                                      One Credit**

Students will learn how to use a digital camera and how to photograph a wide range of subjects. Students will also learn to scan both prints and negatives and how to output quality prints. Students will learn how to use Photoshop, and iPhoto software applications to enhance/complete their projects. Projects typically include a publication design (book), advertising photos, a poster design, and numerous prints. Students must also present their work in the art show at the end of the year. Students are required to have a digital camera that captures at least 8 Megapixels for the course. Students will have at least two weeks from the first day of class to acquire a camera. Purchasing the right camera will be discussed on the first day of the course. Students should also be prepared to purchase photo quality printer paper and other supplies throughout the year.

*Pre-requisite: Department Recommendation.*

**Students enrolled in full year art courses will incur additional expenses during the course of the year.**

## **MUSIC**

**827      Jazz/Concert Band                                      Grades 9,10,11,12**  
**Full Year                                      One Credit**

This course forms an instrumental organization for intermediate and advanced players, and serves as the primary performing group in instrumental music. Music studies will vary in terms of style and level of difficulty. Concepts covered will include: good tone production and intonation, development of good technical facility, principles of ensemble playing, blend and balance, and sight reading. Preparation of music for performance is a major course objective. Private lessons are strongly recommended to supplement classroom work. Students are also expected to work on the music outside of classroom time. Beginning students must take private lessons in an after school program. Participation in concerts and various music programs and extra rehearsals as needed will be required. There are special dress requirements for concert appearances.

**833      Concert Choir - Honors                                      Grades 9,10,11,12**  
**Full Year                                      One Credit**

This course involves young men and women in a specialized chorus, serving as the primary performing group in vocal music. The music studied will be fairly difficult, and mostly in 4 and 5 part setting. Concepts of proper breath support, sight-reading, good tone production, and diction will continue to be developed, with particular emphasis on blend and balance. Preparation of music for performance is a major course objective. Private lessons are strongly encouraged to supplement classroom work. Students are also expected to work on the music outside of classroom time. Participation in several concerts and various music programs, and extra rehearsals as needed will be required. Also, there are special dress requirements for concert appearances.

## **HEALTH AND WELLNESS**

**901 Health & Wellness I Grade 9**  
**Full Year One-half Credit**

This course will include understanding the importance of a healthy lifestyle and other major health issues including eating disorders, AIDS, smoking, bullying and substance abuse. All Freshmen students will receive a certificate of completion of *CPR for Students* at the end of the course. The health unit will be one of four quarters and will be academic in nature. Team concepts and individual skills will be covered in a variety of sports such as soccer, flag football, volleyball, basketball and softball.

**903/904 Health & Wellness II Grade 10**  
**First/Second Semester One-half Credit**

This course helps build trust, self-confidence and develops problem solving methods. These skills will be worked on through Project Adventure, new games and life-time sports such as archery, tennis and golf. The health instruction will include a refresher in American Red Cross "Adult CPR", the topics of substance abuse, nutrition and overexposure to the sun. The health unit will be one-half of the semester, (one quarter), and will be academic in nature.

## **GUIDANCE**

**Guidance Seminar 9 Grade 9**

The Freshmen Guidance Seminar meets regularly throughout the school year. The focus of the seminar is issues related to transitioning into high school and to Bishop Fenwick. Topics that are presented include: The ABC's of College Preparedness, study skills and strategies, learning and teaching styles, academic goal setting, empathy, refuting labels and stereotypes, dating etiquette, bullying and cyberbullying, and alcohol and drug prevention.

**Guidance Seminar 10 Grade 10**

The Sophomore Guidance Seminar meets regularly throughout the school year. The seminar focuses on developing a decision making process as it relates to adolescent issues such as academics, relationships, goal setting, service, substance abuse, and other topics pertinent to the lives of high school students.