

**Studio in Art**

Grade Level: 9,10,11,12

Studio in Art offers an overview of Art History, an introduction to standard art criticism, color theory, principles of the visual arts, line, form color and texture. The principles of art and the elements of design are also incorporated using an experiential approach that employs a variety of media, tools and techniques.

Prerequisite: None

1 Unit

**Drawing**

Grade Level: 10,11,12

Drawing includes various techniques using charcoal, pastels, pencil and pen through the use of basic elements of design and principles of art. Verbal and written proficiency utilizing standard art criticism and criteria will be required. Art history and an overview of drawing techniques will be covered. Students are required to have a sketchbook, pencils and erasers.

Prerequisite: Studio in Art

1/2 Unit

**Design I**

Grade Level: 11,12

Design I explores two-dimensional design concepts as they relate to graphic arts. Experiences will include logo design, advertising layout, floor plan development, geometric, composition linoleum cuts, and mono printmaking. Repetitive graphic elements and patterns will be included. Verbal and written proficiency in utilizing standard art criticism criteria will be required.

Prerequisite: Studio in Art

1/2 Unit

**Design II**

Grade Level: 11,12

Design II includes introduction to sculpture, product re-design, mask-making, and architectural design. Verbal and written proficiency utilizing standard art criticism criteria will be required.

Prerequisite: Studio in Art, Design 1

1/2 Unit

**Painting**

Grade Level: 11,12

Painting is a full year elective course exploring the fundamentals of painting and color theory. Students will be exposed to a variety of painting processes and materials and will be required to utilize those processes and materials to which they have been exposed. Art history and standard art criticism are included.

Prerequisite: Studio in Art

1 Unit

**BUSINESS****Computer Applications**

Grade Level: 11

Computer Applications is a full-year course that meets three times per week and teaches students proper keyboarding techniques using a self-paced computer program that meets the needs of students who are at various levels of competence. Microsoft Office is used to instruct in word processing, spreadsheets, database and presentation graphics.

Prerequisite: None

1 Unit

## **DRIVER TRAINING DEPARTMENT**

### **Driver Education**                      Grade Level: 10,11, 12

The goal of this program is to equip the student with the fundamental, knowledge, correct operational habits, essential skills and proper attitude to be successful motorists.

The student will receive 24 hours of classroom instruction, 18 hours of observation, and 6 hours of actual behind-the-wheel instruction. After passing their New York State Road Test and successfully completing this course, the student will be issued a "Blue Card" MV-285. This card will allow them to drive at night with some restrictions.

This course is provided through the contracted services of a private driving school approved by New York State. The fee is payable to Bishop Maginn High School in two installment payments after registration for the course.

Prerequisite:  
Student must be 16 by the day the course begins.

Student must possess a New York State Learner's Permit.

1/2 Unit

## **ENGLISH DEPARTMENT**

In keeping with the learning standards issued by The New York State Education Department and the Diocesan Curriculum Guidelines for Language Arts, students are required to master a set of skills in each of the areas of reading, writing, listening and speaking. The mastery of such skills will enable students to successfully complete the Comprehensive English Examination and ultimately be prepared for the rigors of college study.

## **English 9**

Grade Level: 9

English 9 includes an introduction to literary types. These types will include: poetry, novels, short stories, drama and essays. Building a strong vocabulary, understanding the fundamentals of grammar and composition and improving reading comprehension are the primary objectives of this course. Composition study begins using an expository mode. Emphasis is placed on sentence structure and writing effective paragraphs. Literature will be drawn from various sources and cultures. Introducing an analytical approach to reading, applying the major elements found in literature and discussing what has been read, will help to improve reading comprehension. Techniques for effective listening and speaking will be introduced. The methods and procedures for conducting scholarly research using MLA documentation format will be introduced.

Prerequisite: None

1 Unit

## **English 10**

Grade Level: 10

While continuing to develop a student's English skills, English 10 concentrates on World Literature in all of its forms. Building on the comprehension and composition skills learned in freshmen year, students will continue to focus on building vocabulary and applying the fundamentals of grammar and composition. The methods for effective listening and speaking will continue to be taught. A research project is assigned in order to demonstrate proficiency in conducting and recording scholarly research.

Prerequisite: English 9

1 Unit

## **English 11**

Grade Level: 11

In English 11, students will perform activities related to the further acquisition, reinforcement and refinement of composition skills. They will read with greater appreciation and comprehension works of recognized literary merit in various genres from American Literature. Students will be engaged in challenging speaking situations and in activities that promote thoughtful listening. A formal research paper is assigned in the second semester. Students will also learn strategies for taking standardized tests, such as the Comprehensive English Regents, PSAT, SAT and ACT. **Passing the Comprehensive English Regents examination is a requirement for graduation.**

Prerequisite: English 9, 10

Exam: New York State Regents Exam

1 Unit

## **English 12**

Grade Level: 12

English 12 offers a comprehensive approach to the study of language, composition and literature. It is designed primarily as a preparation for college study. Vocabulary, grammar and usage, and composition skills are enhanced. Compositions aim at developing clear and effective expression through attention to diction, more advanced sentence construction, and writing for a variety of purposes in primarily expository modes. The literature focuses on a variety of forms and themes drawn from British Literature and Contemporary American fiction. An oral presentation and research paper are required of each student.

Prerequisite: English 9,10, 11

1 Unit

## **Advanced Placement English**

Grade Level: 12

Advanced Placement English is conducted as a college level course of study and is open to seniors who have demonstrated a superior aptitude in English 11. Students read, discuss, analyze and write about classic works of Western Literature, as well as contemporary literature of merit. Literary theory and formal literary criticism are introduced. All AP students are required to perform advanced research in literature at local libraries where hands-on experience can be gained in the use of bibliographic indexes and other reference sources. Each student is responsible for the presentation of oral reports and two research papers that conform to MLA style. Students may obtain up to six credit hours toward their college freshman year by passing the Advanced Placement English Exam (optional) in May.

Prerequisite: English 9,10,11, Departmental Approval

1 Unit

## **Creative Writing**

Grade Level: 12

Creative writing is an elective course designed for students who wish to enhance their thinking and writing skills, by experiencing the art of writing. Students will write journals, poetry, short stories, and personal essays. The process of proof reading and editing is presented. Regular writing assignments are reviewed and critiqued by the teacher and by peers. Classroom discussions centers on the forms being attempted, published works in those forms and the student's work. The theory surrounding the creative process is introduced.

Prerequisite: English 9,10,11

1/2 Unit

## **Journalism**

Grade Level: 12

Journalism is an elective course that introduces the student to journalistic writing. The course covers such topics as the traditional criteria for news value, the organization of a newspaper, ethics, freedom of speech, specific news writing styles, lead writing, interviewing techniques, and editorial writing. A requirement of the course is that each student contributes to the production of the school newspaper while he or she is enrolled in the class.

Prerequisite: English 9, 10, 11

1/2 Unit

## **HEALTH AND PHYSICAL EDUCATION**

### **Health Education**

Grade Level 9-12

Health Education is mandatory for all students and is required for graduation. Units in Mental Health, Human Sexuality, Alcohol, Drugs and Tobacco usage are covered. Other areas of concern may include: stress management, physical fitness, nutrition and first aid. Students are given factual information and guided through the decision-making processes associated with health and wellness. With an underlying theme of prevention, students will learn to discover the importance of making healthy choices and how those choices can affect their everyday lives.

Prerequisite: None

1/2 Unit

### **Physical Education**

Grade Level: 9-12

Physical education is a course required for graduation. It is designed to progressively enhance the physical fitness of the student. Skills and techniques are taught for each activity. Class participation is required regardless of a student's

skill level. Activities are broken into units throughout the year. Topics can include: football, soccer, volleyball, basketball, aerobics, weightlifting, badminton, softball and a cardiovascular program. Students are positively reinforced and encouraged to participate so as to improve their health and well-being.

Prerequisite: None

1/2 Unit \*

\* The ½ unit is not awarded until the number of units necessary for graduation has been achieved.

All students must pass each year of **Physical Education** unless a medical excuse exempts a student for the year. This medical excuse must be submitted to and kept on file by the school nurse.

## **LANGUAGE DEPARTMENT**

### **Spanish One**

Grade Level 9,10

Spanish One serves as the foundation for second language acquisition as presented by the State Education Department. The goal of Spanish One is to bring the student to the Checkpoint A Proficiency level as outlined by the New York State Learning Standards for Languages Other Than English (LOTE). Spanish One is the beginning level of the foreign language curriculum and the course, or its' equivalent, is a graduation requirement for all students. Assessment is based on a communicative approach in which the primary goal is meaningful communication using basic Spanish vocabulary, phrases and verb conjugations.

Prerequisite: None

1 Unit

## **Spanish Two**

Grade Level: 9,10,11

Spanish Two serves as the passageway from the required Checkpoint A Proficiency Level of foreign language to the Checkpoint B Level of the third year of study. This course builds upon the fundamentals mastered at level one and further develops the student's fluency, complexity and accuracy of communication. Again, all skills of communication are studied (reading, writing, speaking and listening) and an understanding of different cultures is fostered.

Prerequisite: Spanish 1 or 85% or above on the Eighth Grade NYS Proficiency Exam

1 Unit

## **Spanish Three**

Grade Level: 10,11,12

At the third level of Spanish, students are expected to take the New York State Regents examination. The goal is Checkpoint B Proficiency Level, as outlined by the State Board of Regents and the New York State Learning Standards. Students acquire a more comprehensive understanding of culture other than one's own. Upon completion of this course, students will be able to: 1) Express written and oral thoughts comprehensibly 2) Read authentic materials for specific comprehension. 3) Comprehend short conversations on simple topics in everyday situations. This course and regents exam is a requirement for students who plan to obtain an advanced Regents diploma.

Prerequisite: Spanish 2

1 Unit

**Spanish Four and Spanish Five** Grade Level: 11,12

**Advanced Spanish (Spn-200 University in the High School Program SUNYA)**

As college credit courses, Spanish 4 and 5 focus on communication that combines achievement and proficiency. Students will be creative with foreign language by combining and recombining learned elements. Students in Spanish 4 and 5 will review Spanish grammar and will further develop knowledge of more complex sentence structures and vocabulary. Students read and discuss numerous authentic materials and various literature genres including short stories, poetry and drama. Students also make numerous oral presentations and increase and develop writing skills in longer and more complex assignments.

Upon completion, students receive **4 college credits for each course** from the State University of New York at Albany.

1. Prerequisite: 90%+ average Spanish 3
2. Successful Completion of NYS Regents Exam
3. Recommendation from Spanish 3 teacher

1 Unit

## **MATHEMATICS DEPARTMENT**

### **Algebra**

Grade Level: 9

Pre-Algebra is designed for the student who has difficulty with mathematics. The course builds the necessary skills students will need to be successful in Math A.

Prerequisite: Math 8

1 Unit

**Math A**

Grade Level: 9,10

Math A includes such topics as: mathematical reasoning, numbers and numeration, operations, modeling/multiple representations, measurement, uncertainty, patterns and functions.

Prerequisite: Math 8

1 Unit

**Math A/B**

Grade Level: 10,11

The first semester of this course is a continuation of Math A with the New York State Regents exam given in January. The second semester of this course begins the topics of Math B which include: geometric proofs, area, volume, circle relationships, angle measurement, properties and operations with real and complex numbers, algebraic fractions, factoring, quadratic equations, logarithms, exponential and trigonometry functions and graphs, transformations, normal curve, coefficient of linear correlation, probability, and trigonometric equations and laws.

Prerequisite: Math A

1 Unit

**Math B**

Grade Level: 11,12

Math B includes such topics as: geometric proofs, area, volume, circle relationships, angle measurement, properties and operations with real and complex numbers, algebraic fractions, factoring, quadratic equations, logarithms, exponential and trigonometry functions and graphs, transformations, normal curve, coefficient of linear correlation, probability, and trigonometric equations and laws.

Prerequisite: Math A/B

1 Unit

**Calculus**

Grade Level: 12

Calculus is designed for the students interested in further math study and as an introduction to college level math. It covers topics such as: functions, limits, derivatives, and integrals.

Prerequisite: Math B

1 Unit

**Advanced Placement Calculus** Grade Level: 12

Advanced Placement Calculus is designed for superior students interested in further math study or as an advanced preparation for students intending to major in science, engineering or math. It covers such topics as analytical geometry of the line, circle, parabola, and hyperbola, equations of curves, limits; differentiation of algebraic, trigonometric, logarithmic, and exponential functions, indefinite and definite integrals and other topics.

Prerequisite: Math B, Recommendation of Department

1 Unit

**SCIENCE DEPARTMENT****Earth Science**

Grade Level: 9

Earth Science is a survey of the five branches of Earth Science: Geology, Astronomy, Meteorology, Paleontology, and Oceanography. The course provides the student with a beginning knowledge of our earth and universe. Basic theory is acquired in the classroom and reinforced through laboratory experiences. Completion of the course with the required labs permits students to take the New York State Regents Examination.

Prerequisite: None

1 Unit

**Living Environment**

Grade Level: 10

The Living Environment is intended to introduce students to life science. It covers the seven major areas required by the syllabus of the New York State Department of Education: the study of life, maintenance of animals, maintenance of plants, reproduction and development, genetics, evolution, and ecology. One lab period per week is required. Completion of the course with the required labs permits students to take the New York State Regents Examination.

Prerequisite: Earth Science

1 Unit

**Chemistry**

Grade Level: 11,12

Chemistry develops concepts of matter and energy, atomic structure, bonding of atoms, the periodic table, mathematics of chemistry, kinetics and equilibrium, acid-base theories, redox and electro-chemistry, and organic chemistry. Successful completion of this course with the required labs permits the student to take the New York State Regents Examination.

Prerequisite: Living Environment, Math A/B

Exam: Mid-term, Regents

1 Unit

**Physics**

Grade Level: 11,12

Physics introduces and develops concepts relating to: mechanics, waves, electricity and nuclear physics. The course is laboratory-oriented and requires extended lab periods. Completion of this course and required labs permits a student to take the New York State Regents Examination.

Prerequisite: Recommendation of previous science teacher taking Math B or Math 12

**Anatomy and Physiology**

Grade Level: 11,12

Anatomy and Physiology offers an in-depth study of the human body. It is an honors course intended to prepare students for college level Anatomy and Physiology. The course requires knowledge of basic biological and chemical concepts. This course is designed to appeal to students interested in pursuing a career in a medical or health related field.

Prerequisite: Living Environment, Chemistry, and Science Teacher Recommendation

1 Unit

**Forensic Science**

Grade Level: 12

Forensic Science is an elective that introduces the procedures used by forensic technicians in the criminal justice system. Emphasis will be placed on laboratory methods and the scientific principles upon which those methods and principles are based. The areas of human physiology, chemistry, physics and information technologies will be utilized when applicable.

Prerequisite: The Living Environment, Chemistry or Physics

1/2 Unit

**Astronomy**

Grade Level: 12

Astronomy is an elective that offers students an introduction to the study of the universe. Students will gain an appreciation for the scale and diverse nature of the cosmos. An emphasis will be placed on how the laws of physics, as currently understood, help to explain the structure of planets, stars, solar systems, galaxies and the universe as a whole.

Prerequisite: Earth Science, Chemistry or Physics

1/2 unit



## **Advanced Placement European History**

Grade Level: 11,12

AP European History is an accelerated European History course for seniors or deserving juniors who show exceptional ability in social studies. Extensive reading and research will be required. This course is designed to help students prepare for The Advanced Placement Exam in European History (optional). Successful completion of the Advanced Placement Exam may earn the student credits that are accepted by many undergraduate colleges and universities.

Prerequisite: Global 10, department recommendation

1 Unit

## **THEOLOGY DEPARTMENT**

### **Theology 9 Understanding Scripture**

Grade Level: 9

Theology 9 is designed to familiarize students with both the Old and New Testament of the Bible. Although textbooks are used for both background and scholarship, emphasis is placed in the actual reading of Scripture. Students will grow to appreciate the tradition and role of Scripture in the Church, as well as in their own lives.

Prerequisite: None

1/2 Unit

### **Theology 10 Sacraments and the Church**

Grade Level: 10

Theology 10 is designed to help students understand and appreciate the liturgical life of the Church, especially the celebration of the Mass and the Sacraments. Students will learn the seven Sacraments, their signs and responsibilities. They will learn and participate in various types of prayer, both personal and communal.

Prerequisite: None

1/2 Unit

### **Theology 11 Christian Morality** Grade Level: 11

Theology 11 will help provide students with a method for making moral decisions and developing sound consciences. The teaching of Jesus and the teachings of the Church are stressed as fundamental when making moral decisions. The meaning and nature of sin and the forgiveness of sin are also considered. Various moral issues that challenge young people are studied in the context of Jesus' Law of Love, the Ten Commandments, and the Beatitudes.

Prerequisite: None

1/2 Unit

### **Theology 12 Christian Vocation** Grade Level 12

Theology 12 examines the theology of Christian vocation, and explores each of the options open to Christians, i.e. single, married, religious, and ordained life. Students discuss the importance of developing good relationships throughout life. Special emphasis is given to understanding marriage as a Sacrament, and to an appreciation of family life. Topics examined in the course of a year include respect for life, divorce and annulment, child abuse, and the Christian response to violence in our world.

Prerequisite: None

1/2 Unit