



COURSE BULLETIN

2025-2026

This Course Bulletin was compiled to assist students and their parents in gaining increased knowledge of courses offered at Holy Trinity High School. By reading the course descriptions, you should find it easier to guide your child in making subject choices appropriate to ability and interest levels. Our teachers, counselors and administrators are available to help you in the process of course selection.

In all courses where a New York State Regents exam is offered, that exam will be the final examination and that grade will be included in the final course average. NOTE: Students should be aware that many colleges develop their own Grade Point Average based on high school grades in the following five academic areas: English, World Language, Mathematics, Science and Social Studies.

REQUIRED COURSES

NINTH YEAR: Religion, English, Math, Science, Social Studies, World Language, Physical Education and either Art, Music or Performing Arts, for a total of 7.5 credits.

TENTH YEAR: Religion, English, Math, Science, Social Studies, World Language, Physical Education, and elective courses for a total of 7.5 credits.

ELEVENTH YEAR: Religion, English, Math, Science, Social Studies, World Language and Physical Education and elective courses for a total of 7.5 credits.

TWELFTH YEAR: Religion, English, Social Studies, Economics, Physical Education, and elective courses for a total of 7.5 credits.

*Health must be taken in either year 10, 11, or 12.

Graduation Requirements:

30 TOTAL CREDITS

COURSE SELECTION

Careful consideration is given to developing each student's program of study. Based on the students' course selections, scheduling conflicts may occur. This may necessitate choosing alternate courses. When students submit their final course selections with parental approval, these choices are considered final. Course changes are made only for the most compelling reasons. Parents are required to submit written requests for such changes to their child's counselor no later than the last Friday in May. There is no guarantee that these requests will be accommodated.

Course changes requested after the May 16 will be subject to a \$25.00 fee.

Elective courses will be offered only if a sufficient number of students register for them.

COURSE SELECTION TIMELINE

February 5	Junior Course Selection Meeting
February 6	Freshman Course Selection Meeting
February 7	Sophomore Course Selection Meeting
February 8-11	Online Course Registration Open
February 11	Online Course Registration Must Be Completed by 8:00 PM
February 14	Teacher Recommendation Forms Due to Guidance
Feb 24-Mar 4	Junior Course Review Meetings with Counselors
March 5-13	Sophomore Course Review Meetings with Counselors
March 17-25	Freshman Course Review Meetings with Counselors
May 16	Deadline for Course Changes Without \$25.00 Fee
September 12	Final Day for Full-year and First Semester Course Changes (\$25.00 fee applied to each course change request).
February 6	Final Day for Second Semester Course Changes (\$25.00 fee applied to each course change request).

ADVANCED ACADEMIC COURSES

Holy Trinity offers certain opportunities for advanced academic study in conjunction with local colleges and universities as well as the College Board. Each of these organizations charges its own fee for their course-completion procedures.

These programs are designed to help bridge the gap between high school and college. Well-qualified students will benefit from these courses in terms of the opportunity for an early assessment of both their abilities and interests in particular fields of study at the university level as well as the opportunity to earn college credits. Courses are taught at Holy Trinity by Holy Trinity teachers. Courses are either a one-semester or full year offering.

Please note the specific eligibility requirements for enrollment in each Advanced Academic Course offered at Holy Trinity.

While this information is subject to change annually, as a frame of reference the recent fees and details for each follow. Note that if a course is both an AP and College course, both fee and requirement structures apply.

AP PROGRAM

- **The College Board (AP Courses)**
 - **Recent Fee:** \$100 per course exam paid by the student
 - **AP Fees are typically added to the December tuition bill.**
 - **Who is eligible to take an AP Course?**
 - The requirements for each individual AP Course are listed in the course description. These objective standards are determined by each academic department.
 - Students failing to meet the required standards may seek a teacher recommendation and department chairperson approval to take the desired course, but such exceptions are rare.
 - **Are all students required to sit for the AP Exams?**
 - Yes. All students enrolled in AP Courses must sit for the AP Exam associated with the class. **Failure to sit for the exam or transferring from the class after the transfer deadline will prohibit the student from enrolling in subsequent AP Courses.**
 - **Who may receive college credit?** Students who receive a high score on the May AP examination may receive academic credit from the college they attend. Note that the award of credit based on an AP Exam score is at the discretion of each individual college or university.

COLLEGE PROGRAM

- **College Courses**
 - **Recent Fee:** \$325 per St. John's University course; \$300 per Molloy College course
 - **Who is eligible to receive college credit through St. John's University and Molloy College?**
 - Juniors and Seniors with a minimum average of 90% in the following subjects: English, Mathematics, Social Studies, World Language and Science.
 - Students who do not meet the above criteria may appeal to their current teacher and the department chairperson of the respective course for approval.
 - Both Juniors and Seniors will receive credit upon successful completion of the course with a minimum C average.
 - Students earn dual credit for each approved one-semester course: high school credit from Holy Trinity as well as college credit.
 - **How do I register for college credit?**
 - Students are responsible for registering and paying for each college course through the institution from which they wish to receive credit. Further information on this process will be provided in class and through the guidance department.
 - **How do I receive my college transcript?**
 - Upon successful completion of a course, students are responsible for requesting a transcript through the respective college or university. Holy Trinity **does not** issue college credit. The Guidance Department will provide further information during group guidance sessions.
 - **Can I take the course without applying for the college credits?**
 - Yes. Students who do not wish to apply for college credits need not do so and will not be required to pay a fee.

ENGLISH

(0010) ENGLISH 9: LITERATURE AND WRITING HONORS

Year - 1 credit

This is a course for students who have demonstrated advanced proficiency in English Language Art, particularly in written expression and reading comprehension. English 9 Honors is the first year of a four-year sequence in English required of all students for high school graduation. Incorporating a variety of thinking skills, English 9 presents a wide range of activities designed to extend mastery in reading and writing, with special emphasis on grammar, word study, discussion, study/research skills, and literature.

(0011) ENGLISH 9: LITERATURE AND WRITING

Year - 1 credit

This is the first year of a four-year sequence in English required of all students for high school graduation. Incorporating a variety of thinking skills, English 9 presents a wide range of activities designed to extend mastery in reading and writing, with special emphasis on grammar, word study, discussion, study/research skills, and literature.

(0020) ENGLISH 10: WORLD LITERATURE HONORS

Year- 1 credit

This course is a study of major literary topics and themes of the world. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts. Students will learn about universal themes and symbols common to literary works including the novel, short stories, poetry, drama, and nonfiction. Students will also establish effective writing and reading skills and refine language skills as they apply to writing, listening, speaking, and viewing. This course introduces students to traditional and contemporary works from such areas as Asia, Latin America, Africa, and the Middle East. Texts are studied at a moderate to fast pace with teacher support. The syllabus includes prose, poetry, drama, and film. **Prerequisite: English 9 H; or minimum grade of 95 in English 9 R; or recommendation of current English teacher and department chairperson approval.**

(0021) ENGLISH 10: WORLD LITERATURE

Year- 1 credit

This course provides students with opportunities to explore and respond to multiple genres of various global, historical, and social contexts. Students will study major literary topics and themes of the world while continuing to develop vocabulary and effective reading strategies. Students will study themes and symbolism within a variety of literary genres including novels, short stories, poetry, drama, and nonfiction. Students will develop effective writing and reading skills, while refining their listening and speaking abilities. The course will introduce students to various traditional and contemporary works from across the globe, while enhancing their abilities to write both creatively and analytically.

(0030) ENGLISH 11: AMERICAN LITERATURE HONORS

Year - 1 credit

Juniors who have shown themselves to be highly capable, serious students of English are challenged in this honors course. Emphasis is placed on college-prep vocabulary study as well as American literature will be studied and analyzed. Students will also focus on the skills needed for the SAT and ACT. **Prerequisite: English 10 H; or minimum grade of 95 in English 10 R; or recommendation of current English teacher and department chairperson approval.** Regents exam required.

(0031) ENGLISH 11: AMERICAN LITERATURE

Year - 1 credit

In this course, students read American fiction, poetry and drama. Within this context, they come to an understanding of the evolution of American literature. Juniors also take an in-depth study of vocabulary for the college-bound student and a serious look at their own writing skills in preparation for the SAT and ACT. Regents exam required.

(0040) AP ENGLISH LITERATURE AND COMPOSITION

Year - 1 credit

This course in Literature and Composition will engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style and themes, as well as such smaller-scale elements as figurative language, imagery, symbolism and tone. The course will include intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Reading will be accompanied by thoughtful discussion and writing in the company of one's fellow students. Extensive summer reading is required. **Prerequisite: a minimum Grade of 95 in English 11 R or English 11 H; or teacher recommendation and department chairperson approval.** AP exam required.

(0041) MAJOR AMERICAN AUTHORS

Semester - ½ credit

(0042) COMPOSITION AND RHETORIC

Semester - ½ credit

These courses present a comprehensive study of selected American authors from the Colonial to the Contemporary Periods as well as techniques of clear and effective written expression with emphasis on regular writing assignments. A study of research techniques is required. Students have daily access to a computer lab. **Prerequisite: minimum grade of 90 in English 11 R or English 11 H; or recommendation of current English teacher and department chairperson approval.** (3 College Credits for each semester)

(0043) ENGLISH 12: PRE-COLLEGE ENGLISH

Year - 1 credit

This course prepares students for college-level writing assignments. Individualization is a key element and each student will have the opportunity to work with the teacher on writing problems. Different types of writing will be explored: process, analysis, argumentation, and research paper. The ultimate goal will be a wider variety of writing skills for each Senior.

(0044) PUBLIC SPEAKING

Semester – ½ credit

This course is a basic study of the expressive use of voice and speech through practice in oral interpretation and public speaking. Emphasis will be placed on voice and diction, poise and platform manners, and the preparation and delivery of short speeches. Classroom performance of students is required throughout the course. Open to Seniors only.

(0060) POWER WRITING

Semester – ½ credit

This course will focus on various types of writing, including the college essay, resume writing, letters, writing from models, literary analysis and creative writing so that students can develop expertise in the many forms of written expression needed for college-level writing assignments. Special emphasis will be given to composing, editing and revising at the computer, thereby sharpening one's writing skills for college. Open to Sophomores.

MATHEMATICS

(0210) ALGEBRA I HONORS

Year - 1 credit

This is the first course in the New York State Mathematics sequence in high school. The course is directed at the self-disciplined and self-motivated Freshman who has already developed ease in handling the subject area. Algebra provides tools and ways of thinking that are necessary for solving problems in a wide variety of disciplines, such as science, business, social sciences, fine arts, and technology. This course will assist students in developing skills to successfully solve problems in a variety of settings. Coordinate geometry will be integrated into the investigation of these functions. Regents exam required.

(0211) ALGEBRA I

Year - 1 credit

This is the first course in the New York State Mathematics sequence in high school. Algebra provides tools and ways of thinking that are necessary for solving problems in a wide variety of disciplines, such as science, business, social sciences, fine arts, and technology. This course will assist students in developing skills to successfully solve problems in a variety of settings. Coordinate geometry will be integrated into the investigation of these functions. Regents exam required.

(0220) GEOMETRY HONORS

Year - 1 credit

This is the second course in the revised New York State Mathematics sequence in high school. More rigorous than the Regents course, students will have the opportunity to make conjectures about geometric problems and prove, in a variety of ways, that their conclusion follows logically from their hypothesis. This course is meant to employ an integrated approach to the study of geometric relationships. Integrating synthetic, transformational, and coordinate approaches to geometry, students will justify geometric relationships and properties of geometric figures. A major emphasis of this course is to allow students to investigate geometric problems. **Prerequisite: Algebra I H; or a minimum grade of 95 in Algebra I; or current math teacher recommendation and department chairperson approval.** Regents exam required.

(0221) GEOMETRY

Year - 1 credit

This is the second course in the revised New York State Mathematics sequence in high school. Students will have the opportunity to make conjectures about geometric problems and prove in a variety of ways that their conclusion follows logically from their hypothesis. This course is meant to employ an integrated approach to the study of geometric relationships. Integrating synthetic, transformational, and coordinate approaches to geometry, students will justify geometric relationships and properties of geometric figures. Regents exam required.

(0230) ALGEBRA II HONORS

Year - 1 credit

This course is a continuation and extension of Algebra I and Geometry. It is the third course in the revised New York State Mathematics sequence. It is intended to continue preparing students in developing solution strategies and will include both real world and purely mathematical situations. It will focus on, but is not limited to, polynomial and radical relationships, exponential and logarithmic functions, complex numbers and trigonometry. **Prerequisite: Geometry H; or a minimum grade of 95 in Geometry; or current math teacher recommendation and department chairperson approval.** Regents exam required.

(0231) ALGEBRA II

Year - 1 credit

This is the third course in the revised New York State Mathematics sequence. It will focus on, but is not limited to, polynomial and radical relationships, exponential and logarithmic functions, complex numbers and trigonometry. Regents exam required.

(0240) AP CALCULUS

Year - 1 credit

Intended to prepare students for the AP exam, this course covers limits, differentiation of algebraic and transcendental functions, integration, differential equations and applications.

Prerequisite: A minimum grade of 90 in College Pre-Calculus or teacher recommendation and department chairperson approval. AP exam required. College Credit available from Molloy University.

(0241) COLLEGE STATISTICS

Year 1 credit

This course is designed to serve as a general introduction to modern statistics for students in all academic areas. These concepts are needed in such areas as sociology, business, economics, ecology, education, medicine, psychology, and mathematics. Simple formulas are used to solve problems in areas such as election results, College Board scores, games and sporting events. This course is open to Seniors. The TI-84+ graphing calculator is required for the course. **Prerequisite: Minimum grade of 90 in Algebra II H/R; or recommendation of current Math teacher and department chairperson approval.** (3 College Credits)

(0242) COLLEGE PRE-CALCULUS

Year - 1 credit

This course provides a rigorous treatment of the elementary functions and new topics such as matrices, theory of equations and advanced trigonometry. An introduction to limits and differential calculus will be explored. **Prerequisite: Minimum grade of 85 in Algebra II H; or recommendation of current Math teacher and department chairperson approval.** (3 College Credits)

(0244) PRE-CALCULUS

Year - 1 credit

Geared to those students who plan to take math courses in college, this course covers the theory of equations, matrices, functions, conics, polar coordinates and complex numbers. **Prerequisite: Successful completion of Algebra II.**

(0245) STATISTICS

Year- 1 credit

This course is designed to serve as a general introduction to modern statistics for students in all academic areas. These concepts are needed in such areas as sociology, business, economics, ecology, education, medicine, psychology, and mathematics. Simple formulas are used to solve problems in areas such as election results, College Board scores, games and sporting events. This course is open to Seniors.

PERFORMING ARTS

Music

(0660) CHOIR

Year - 1 credit

This course is designed for the student wishing to advance as a choral singer. Musicianship, sight-reading and vocal technique will be applied to various styles of choral literature. Participation in school concerts is mandatory. Open to Sophomores, Juniors and Seniors.

(0643) SYMPHONIC BAND

Year - 1 credit

This performance course is designed for the advanced wind, percussion, brass or string student (NYSSMA level 5-6). Participation in school concerts and all band events is obligatory. Students must own or make arrangements to rent instruments. **Prerequisite: Departmental approval.**

(0662) INTERMEDIATE CONCERT BAND

Year - 1 credit

This performance course is designed for students with some band experience (NYSSMA level 2-3) on wind, percussion or brass instruments who wish to develop the skills necessary to participate in Advanced Concert Band. Participation in school concerts and all band events is mandatory. Students must own or make arrangements to rent instruments. **Prerequisite: Departmental approval.**

Theatre

(0612) THEATRE ARTS

Year - 1 credit

This course will explore the fundamentals of acting. Students will read plays, train vocally and physically, and perform scenes and monologues. Through many exercises and games, students will heighten the awareness of themselves, of others, and of their environment with an emphasis on freedom of expression. Through discipline, critical thinking, and imagination students will develop a deeper understanding of theatre. 30 hours of tech time is required in this course. **Prerequisite: Departmental approval.**

(0640) REPERTORY THEATRE

Year - 1 credit

Students who have completed Theatre Arts will continue their studies in theatre with an emphasis on the creation process. Scene work, monologues, voice work, movement and advanced theatre games will all be part of this Ensemble driven class. A serious commitment to the art of performance and theatre are required for this class. **Prerequisite: Theatre Arts I; or Departmental approval.**

Dance

(0980) DANCE

Year – ½ credit

This course will cover different dance styles: jazz, contemporary, and musical theatre. Students will be expected to choreograph their own work and complete four projects over the school year. Classwork includes a warm up, increasing strength and flexibility, learning dance combinations, and choreography workshops. Students will also view professional work so that they may see these dance styles at their finest. Students will begin to find their own artistic voice. This course satisfies the NYS Physical Education requirement.

PHYSICAL EDUCATION

(1060) Grades 9 - 11

Year – ½ credit

(1040) Grade 12

Year – ½ credit

This course emphasizes athletic fundamentals and skill development. Sportsmanship, safety practices and proper personal behavior that respects self and others in physical activity are stressed. In addition, students will understand and demonstrate complex motor patterns as they participate in various activities such as soccer, basketball, badminton and volleyball. The overall program will also provide the opportunity for each student to assess his/her own physical activity level as it applies to the goal of maintaining lifelong cardiovascular health.

RELIGION

The religious education of students at Holy Trinity has several goals. It seeks to explain the meaning of Catholic faith in a way that is both relevant and challenging. At the heart of that faith is the person of Jesus Christ. Therefore, we seek not only to impart knowledge but to encourage a personal response to God through the spirit of Jesus. We believe that adolescence is a unique time of growth and maturity and a special opportunity to move from the faith of a child to the beginning of a freely chosen, committed faith. In order to do so, our students are challenged to study and understand Catholic religious tradition. They are encouraged to live their faith in service to others and to be active members of this Catholic community.

(0810) RELIGION 9: JESUS AND THE CHURCH

Year - 1 credit

This course is an overview of Catholic Christian faith using the Nicene Creed as its foundation. The first half of the course will study the following topics in some depth: the meaning of Catholic Christian faith as a personal commitment and relationship with the triune God and as part of a community and tradition; the person and meaning of Jesus Christ in both Scripture and Tradition; the Holy Spirit as the foundation of the Church; and the Church as one holy, catholic and apostolic. The second semester will study the following topics in depth: the Church as the body of Christ in the world; the hierarchical nature and structure of the Church; the nature of sacraments and their role in the life of the Church; the sacramental meaning of baptism and confirmation of the Church; the Eucharist as the “source and summit” of faith; sacraments of healing: reconciliation and anointing of the sick; Holy Orders: bishop and priest, “in persona Christi”, the deacon in service to the Church; the role of Mary; the communion of saints; the “last things”: heaven, hell and purgatory.

(0820) RELIGION 10: SACRED SCRIPTURE

Year - 1 credit

This course is an introduction to understanding the Sacred Scriptures as God’s revealed word. The course will prioritize the person of Jesus Christ and the gift of the Spirit establishing the Church as the culmination of the word of God. Students will become familiar with the Catholic understanding of inspiration and revelation. Special emphasis will be placed on how to read and interpret the Bible as the Church’s book in the context of the community of faith and the many books that make up one book. The following areas in the Old Testament will be explored in some depth: the narrative history of Israel; Genesis 1-11: the story of the creation and the fall; Abraham and the notion of covenant; Moses, the exodus and the Ten Commandments; David and the rise of Israel; the Babylonian Exile; the prophetic call to justice and conversion; Isaiah and the suffering servant of God. In the New Testament, students will explore the following topics in depth: the life and message of Jesus and the proclamation of the Kingdom of God; John’s unique theological perspective of Jesus as the Word made flesh; the Last Supper and Jesus as the new covenant; the passion, death, resurrection and ascension of Jesus (the paschal mystery); the gift of the Spirit and the formation of the Church explored in the Acts of the Apostles and letters of Paul.

(0830) RELIGION 11: CHRISTIAN MORALITY

Year - 1 credit

This course consists of two basic components: foundations of Catholic Christian morality and contemporary issues of Catholic morality. The first part will explore the Biblical foundations of morality including the Ten Commandments and teaching of Christ. It will explore the following topics in some depth: the meaning of conscience, and its need to be formed and informed in the context of faith and the teaching of the Church; the authoritative role of the Pope and bishops; the meaning of natural law; the nature of sin: original, personal, venial, and mortal; theological and cardinal virtues; love and justice: Deus Caritas Est. The second part of the course will explore Church teaching on contemporary moral issues. It will explore the following topics in some depth: human sexuality and the Catholic theology of the body; Catholic moral teaching in the public square; the major themes of Catholic social teaching; abortion and the right to life; the just war tradition; peacemaking and the pursuit of justice; prejudice, racism and human dignity; fighting poverty locally and globally; the stewardship of creation; capital punishment; and euthanasia: protecting life until natural death.

(0840) RELIGION 12: APOLOGETICS

Year - 1 credit

Building on previous courses in Scripture and religion, this summative course will introduce students to philosophical questions concerning the nature of God and human identity. With a curriculum designed and supported by the Augustine Institute (an accredited graduate school of Theology), this course will include a dedicated textbook and multimedia elements. Students will have opportunities for discussion and debate in a course of study that will propose and examine the claims of reason and the mysteries of faith. More than mere academic endeavor, the course will include elements drawn from the rich artistic traditions of the Church and from the witness offered by Saints across the ages.

SCIENCE

(0308) (0388) LIFE SCIENCE: BIOLOGY HONORS

Year - 1 credit

This in-depth study of living organisms includes the study of the organization of life, heredity and genetics, evolution, reproduction and development, homeostasis, ecology, human impact on the environment, methods of scientific inquiry and selected additional topics. Regents exam required.

(0309) (0389) LIFE SCIENCE: BIOLOGY

Year - 1 credit

In this course students develop scientific attitudes, personal awareness of biological traits and an understanding of the basic concepts of modern biological science. Topics covered include: organization of life, heredity and genetics, evolution, reproduction and development, homeostasis, ecology, human impact on the environment, and laboratory skills. Regents exam required.

(0320) (0392) CHEMISTRY HONORS: PHYSICAL SETTING

Year - 1 credit

This enriched course covers the Regents chemistry curriculum in greater depth. Students will explore topics dealing with, but not limited to, the change, interaction, structure, properties and classification of matter and energy. **Prerequisite: Living Environment H or 95 in Living Environment R or teacher recommendation and department chairperson approval.** Regents exam required.

(0321) (0393) CHEMISTRY: PHYSICAL SETTING

Year - 1 credit

This modern view of Chemistry is based on the Regents curriculum and is designed for the college bound student. It is a theoretical presentation of the unifying principles of Chemistry with some mathematical applications. The laboratory work highlights the materials presented in the lecture. Regents exam required.

(0324) (0387) PHYSICAL SETTING: EARTH AND SPACE SCIENCES

Year - 1 credit

This is an in-depth study of the earth's rock structure and its surface features as modified by the forces of winds, water, volcanic action, etc. The learning activities are oriented toward the inquiry approach, simultaneously encompassing Regents requirements as stated by the New York State Syllabus. Regents exam required.

(0330) (0395) PHYSICS: PHYSICAL SETTING

Year- 1 credit

This is a modern view of Physics with major emphasis placed on the fundamental concepts underlying this science. The approach is experimental as well as theoretical. Among the topics studied are motion, heat, sound, light, electricity and magnetism. Some historical perspective is incorporated and modern concepts of electronics and nuclear physics are investigated. **Prerequisite: Student must have already completed or be currently enrolled in Algebra II.** Regents exam required.

(0360) (0397) AP BIOLOGY

Year - 1 credit

This course provides capable and highly-motivated students with an opportunity to pursue college-level biological studies. Candidates for this course must have successfully completed Living Environment and Chemistry Honors. There is a strong emphasis on laboratory work, both structured and of an original nature, designed by the students themselves. **Prerequisite: Minimum grade of 90 in both Biology H and Chemistry H or current science teacher recommendation and department chairperson approval.** AP exam required. Available for College Credit from Molloy University.

(0361) (0398) AP PHYSICS 1

Year - 1 credit

This course is an algebra-based, introductory college-level course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, power, mechanical waves and sound and an introduction to simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. **Prerequisite: Student must have successfully completed or be enrolled in Algebra II and have achieved a minimum grade of 90 in both Biology H and Chemistry H or current science teacher recommendation and department chairperson approval.** AP exam required.

(0362) (0399) AP CHEMISTRY

Year - 1 credit

This course is the equivalent of an introductory level college chemistry course. The course is designed for both content and extensive laboratory applications. Topics covered will include chemical equilibrium, chemical reactions, thermodynamics, matter, chemical bonding, atomic theory and nuclear chemistry. **Prerequisite: Minimum grade of 90 in all of the following courses: Biology H, Chemistry H, and Algebra I or current science teacher recommendation and department chairperson approval.** Open to Juniors and Seniors only. AP exam required. Available for College Credit from Molloy University.

(0340) (0396) ANATOMY AND PHYSIOLOGY

Year - 1 credit

Within the confines of this course, the body's major organ systems are discussed in detail. Students interested in any of the allied medical professions are particularly urged to take Anatomy and Physiology as part of their preparation for their career. This is a laboratory course. Open to Seniors; and Juniors who have completed Physics.

(0341) FORENSIC SCIENCE

Year – 1 credit

This course is rich in exploration and lab investigation which applies many disciplines of scientific study such as biology, anatomy, chemistry, and physics to solving crimes. Course topics include observation and experiment skills, investigating death: cause, manner and time, anthropology and entomology, trace evidence such as hair fibers and chemicals, fingerprints, DNA fingerprints, drug ID and toxicology, handwriting counterfeiting and forgery, arson and explosives investigations, blood and blood splatter, tool marks and ballistics and psychological profiling. Students use many of the skills and tools from previous science classes in this hands-on "CSI like" course. Students will use these learned skills to solve real crime scenarios. Open to Juniors and Seniors who have completed three years of lab science.

(0331) HEALTH

Semester - ½ credit

This course is the study of the essentials of physical, emotional, and social health and their interrelationships. Through the investigation of current research, answers are sought for questions concerning mental health and mental illness, stress and illness, major health problems, alcohol, tobacco and other drugs, weight control, family living and fire prevention. This course is open to Sophomores, Juniors and Seniors who have not yet completed this requirement.

SOCIAL STUDIES

(0110) AP HUMAN GEOGRAPHY

Year - 1 credit

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. AP Exam Required.

(0111) GLOBAL HISTORY AND GEOGRAPHY I

Year - 1 credit

This course begins with the Paleolithic Era and the development of the first civilizations, continues with an examination of classical societies, and traces the expansion of trade networks and their global impact. The course emphasizes the key themes of interactions over time, shifts in political power, and the role of belief systems. While the course emphasizes the importance of historical and spatial thinking, all of the social studies practices and standards are included in the study of global history and geography.

(0120) AP WORLD HISTORY

Year - 1 credit

This course is designed to prepare students for the higher learning equivalent to an introductory college course in world history from 1200-the present. Students in AP World History will develop a greater understanding of global processes, connections and interactions across time and place. Students are expected to take an active role in their learning. Summer work is required. **AP Human Geography; or minimum grade of 95 in Global History and Geography I and English 9 H; or teacher recommendation and department chairperson approval.** AP and Regents exams required.

(0121) GLOBAL HISTORY AND GEOGRAPHY II

Year - 1 credit

This course is a study of world history from the mid-18th century to present day. Many facets of culture are examined, including religion, geography, economics, political science, anthropology, history, and archaeology. Major culture regions are covered, specifically East Asia, South Asia, the Middle East, sub-Saharan Africa, Latin America, Eastern and Western Europe. An emphasis on the social studies skills continue to be developed in this course, including critical thinking, analyzing primary sources, examining enduring issues, and essay writing. Students evaluate and synthesize interpretations of history and apply them to actions in the modern world. Research and writing skills are demonstrated through term papers and/or projects. Regents exam required.

(0130) AP U.S. HISTORY

Year- 1 credit

This course is designed to provide students with the analytical skills and the knowledge necessary to deal critically with the problems and materials of U.S. history. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by a full-year college course. Students learn to assess historical materials, gauge their relevance to a given interpretive problem, evaluate their reliability and importance and weigh the evidence and interpretations presented in historical scholarship. Summer reading is required. **AP World History; or minimum grade of 95 in Global History and Geography II and English 10 H; or teacher recommendation and department chairperson approval.** AP and Regents exams required.

(0131) U.S. HISTORY AND GOVERNMENT

Year - 1 credit

This course includes such topics as the Constitutional foundations of the United States; the industrialization of the U.S.; prosperity, depression, and war; and American foreign policy in the pre and post-Cold War era. Included in the course is an emphasis on data retrieval, effective written and oral expression and the development of critical thinking skills. Students will distinguish fact from opinion, take positions on critical issues and be able to defend the positions taken. Regents exam required.

(0140) AP GOVERNMENT AND POLITICS

Year - 1 credit

Although one major objective of this course is to study the Constitution and court cases in significant topical areas, this course also includes much of the traditional college-level survey/elective in the study of American government. A major emphasis is placed on the study of American political ideology and the evolution of democratic institutions. The objective is to demonstrate the political behavior of the American electorate and the involvement of citizens in the local, state and national structures of the American political system. Students will be able to evaluate the role of the national government and its relationship to the concept of liberty in a pluralistic society. Discussions will include recent Supreme Court decisions, the changing political culture of American society and its effect on voting patterns, trends, and the processes of government. Summer reading is required. Prerequisite: **AP U.S. History; or minimum grade of 95 in U.S. History and English 11 H; or teacher recommendation and department chairperson approval.** AP exam required.

(0141) PARTICIPATION IN GOVERNMENT

Semester - ½ credit

The goal of this course is to provide the student with a deeper understanding of the policy-making operations of the government under which he/she lives. Since the citizen/government relationship involves decisions by citizens and their representatives, students need to acquire the skills necessary for analyzing and judging actual and proposed policies. The coursework will encourage the examination of current social problems, formal research and participation in community and/or private organizations. Applying policy skills in real world situations serves as the culminating activity of twelve years of social studies education.

(0142) ECONOMICS

Semester - ½ credit

The primary goal of this course is to impart an understanding of certain fundamental concepts to enable the student to understand better the economy in which he or she lives. From economic theory to an overview of the American market system, students will be challenged to think rationally about economic issues. Emphasis will be on key concepts, principles, models and on how to apply these analytical tools to current, real-world problems.

(0160) LAW AND ORDER

Semester – ½ credit

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society's legal expectations. This course focuses on the creation and application of laws in various areas of society. Students will have the opportunity to explore careers in law enforcement and the legal system. By understanding the workings of our court system, as well as how laws are actually carried out, students become more informed and responsible citizens. Open to Juniors.

(0165) BUSINESS ESSENTIALS

Year - 1 credit

This year-long course is designed to introduce high school students to the fundamental principles and concepts of business. It provides a broad overview of various aspects of the business world, aiming to develop students' understanding of key business concepts, skills, and practices. Topics covered will include but are not limited to: types of businesses (sole proprietorship, partnership, corporation), basics of entrepreneurship, marketing, financial concepts, leadership and management styles, and role of technology in modern business. Assessment methods may include a combination of quizzes, exams, projects, presentations, and class participation. Students will also have the opportunity to apply their knowledge and skills through real-world projects or simulations. Open to Juniors and Seniors.

(0164) PSYCHOLOGY

Semester - ½ credit

This course is an introduction to the importance of human behavior. In this course we will examine topics such as learning, memory, perception, emotions, motivation, development, stress, intelligence and personality testing, abnormal behavior and therapy with an emphasis on applying these to individual behavior. The course will encourage students to develop analytical skills, investigate the mind-body connection, analyze concepts of consciousness, evaluate theories of personality, develop an understanding of psychological disorders, evaluate the role and effectiveness of treatments and analyze theories of intelligence. Students will be expected to demonstrate their understanding of psychology through various projects, discussions and assignments. Open to Juniors and Seniors.

STEM PROGRAM

(0720) S.T.E.M. I

Year- 1 credit

This course will give students the opportunity to use project-based learning to explore various topics within the STEM field. Students will be challenged to apply engineering design principles and creativity to address real world problems and issues. While engaged in these projects, students will develop critical thinking skills as well as skills in communication and collaboration. Students will also be given the opportunity to demonstrate their work by competing in various science and mathematics competitions. As part of the development of STEM skills, students will meet with professionals in each field and be introduced to careers in STEM related occupations.

(0730) S.T.E.M. II

Year – 1 credit

The second course offering in the study of S.T.E.M. continues to build on the skills needed in the areas of science, technology, engineering and mathematics. Through experimentation and observation, critical thinking, communication, and collaboration skills will be further developed. A project-based instructional approach will produce self-directed learners equipped to excel in the 21st century. Students will be given the opportunity to use these skills to compete in various science and mathematics competitions. Students will also meet with professionals in each field and be introduced to careers in STEM.

(0740) S.T.E.M. III

Year – 1 credit

The culmination of our S.T.E.M. program, this course will focus on competitive science endeavors. Students will engage in advanced chemistry, anatomy, ecology, forensic science and engineering to enhance their self-study for their particular events. Students will also receive hands-on help in lab skills, building skills and experimental design to enrich their learning. The second half of the course is designed to give students the fundamental skills and concepts essential to scientific construction. Students learn the basic language of technical design through the use of CAD (computer aided drafting) using AutoCAD software. This mathematically driven aspect of the course is especially beneficial for students interested in careers related to production design, engineering, drafting, commercial art, graphic arts, and construction.

VISUAL ARTS

(0510) STUDIO IN ART I

Year - 1 credit

This course is designed as a foundation for all other Art courses. Students in Studio in Art will learn the Elements of Art as they pertain to drawing, painting and mixed-media. Students will study famous artists throughout art history as they explore the content, themes and concepts for each new project all while fulfilling NY State standards for Art Education.

(0520) DRAWING AND PAINTING

Year - 1 credit

This course is designed to provide students with more sustained experiences and skill development in drawing and painting. Students will learn the Principles of Design as they create their own artworks using graphite, colored pencil, ink, watercolor, and acrylic paint. Artistic movements throughout Art History will be studied as a means of creating connections with the world we live in. Students will create a variety of artwork including but not limited to, still life, landscape, portraiture, illustration, sculpture and 2D design. **Prerequisite: Studio in Art I or Introduction to Art.**

(0560) ADVANCED DRAWING AND PAINTING

Year - 1 credit

This course is designed for Junior and Senior Art students who wish to explore more technical and creative skills through drawing and painting mediums. Advanced projects will cover subjects such as portraiture, landscape and still life and challenge students to think conceptually about their artwork while beginning to develop a unifying theme. Mediums will include but are not limited to graphite, colored pencil, charcoal, ink, watercolor and acrylic paint. This course is beneficial to any student looking to build a portfolio for college admission and scholarship. **Prerequisite: Minimum grade of 85 in Studio in Art; or Introduction to Art and Drawing & Painting; or departmental approval.** (3 college credits)

(0542) CERAMICS

Semester - ½ credit

This course is designed for students who are interested in working with clay. Students will learn a variety of hand building and glazing techniques as they create 3-dimensional ceramic artworks to add to their portfolio. Open to Seniors.

(0566) STUDIO IN ART II

Semester - ½ credit

This course is designed for art students who are interested in developing an advanced approach to problem solving, subject matter and creative thinking through fine art. Students will further explore artistic process, experiment with materials and analyze artworks. The studio environment of the class will be used to support analysis, reflection and refinement of individual skills. **Prerequisite: Studio in Art or Introduction to Art.** Open to Sophomores, Juniors and Seniors.

(0567) DIGITAL PHOTOGRAPHY AND DESIGN

Year - 1 credit

This course is designed for students who are interested in exploring the creative world of digital photography and design, with a focus on using cell phone cameras and Adobe software. Students will be introduced to the basics of digital photography, learning essential skills in composition, lighting, and photo editing. They will use their smartphones to capture high-quality images and transform them into professional-level designs. Students will also gain hands-on experience with Adobe programs like Photoshop and Lightroom, which can be transferred to a variety of professional art fields, using photo manipulation, color correction, and graphic design. The course will provide students with the tools to enhance their images, create digital artwork, and understand the principles of graphic design. By the end of the course, students will have developed a digital portfolio that demonstrates their technical skills and creative vision. No prior photography or design experience is required—just a passion for creativity and exploration through digital media. Course requirements: Students must have their own camera (cell phone cameras are acceptable). Open to Juniors and Seniors.

(0568) FASHION ILLUSTRATION AND DESIGN

Year - 1 credit

This course is designed for students interested in fashion illustration and merchandising. Students will learn how to draw the fashion figure and clothing as they create their own works in pencil, colored pencil and marker. Students will learn about contemporary artists and designers as well as the history of fashion with each new lesson. In the second half of the course, students will learn sewing basics and be introduced to garment lines, patterns and construction as they create a three dimensional paper dress. Prerequisite: Studio in Art or Introduction to Art; or departmental approval. Open to Juniors and Seniors.

WORLD LANGUAGES

(0411) ITALIAN I

Year - 1 credit

This course consists of classroom instruction emphasizing Checkpoint “A” proficiencies of the 2nd language requirement of outlined by NYSED. The emphasis is on the four basic skills of listening, speaking, reading and writing. Students are also exposed to the culture of Italy.

(0410) SPANISH I

Year - 1 credit

This course consists of classroom instruction emphasizing Checkpoint “A” proficiencies of the 2nd language requirement of outlined by NYSED. The emphasis is on the four basic skills of listening, speaking, reading and writing. Students are also exposed to the culture of Spanish speaking countries.

(0422) ITALIAN II

Year - 1 credit

More advanced speech patterns and oral expressions are studied in this course with the objective to develop oral competence, grammatical knowledge, skills in reading and writing and an appreciation of Italian culture. The course offers a review of Checkpoint "A" proficiencies as well as an introduction to Checkpoint "B" proficiencies required by NYSED.

(0420) SPANISH II HONORS

Year - 1 credit

This is an advanced course for a selected group of students. There is intensive emphasis on vocabulary and audio-lingual skills. This level offers a review of the Checkpoint “A” proficiencies as well as an introduction to the Checkpoint “B” proficiencies required by NYSED. **Prerequisite: Minimum grade of 95 in Spanish I R; or current teacher recommendation and department chairperson approval.**

(0421) SPANISH II

Year - 1 credit

More advanced speech patterns and oral expressions are studied in this course with the objective to develop oral competence, grammatical knowledge, skills in reading and writing and an appreciation of Spanish and Hispanic culture. The course offers a review of Checkpoint "A" proficiencies as well as an introduction to Checkpoint "B" proficiencies required by NYSED.

(0432) ITALIAN III

Year - 1 credit

This course completes the three-year sequence required to earn the advanced Regents diploma. Included are the reinforcement of grammar rules, reading comprehension, oral expression and vocabulary enrichment. Further emphasis is placed on the development of Checkpoint “B” proficiencies. FLACS Exam is required.

(0430) SPANISH III HONORS

Year - 1 credit

This course completes the advanced program of study. It completes the Regents sequence required to earn the advanced Regents diploma. Emphasis is placed on correct grammatical usage, reading comprehension, oral expression, vocabulary enrichment and the development of Checkpoint “B” proficiencies. **Prerequisite: Spanish II H; or minimum grade of 95 in Spanish II R; or current teacher recommendation and department chairperson approval.** FLACS Exam is required.

(0431) SPANISH III

Year - 1 credit

This course completes the three-year sequence required to earn the advanced Regents diploma. Included are the reinforcement of grammar rules, reading comprehension, oral expression and vocabulary enrichment. Further emphasis is placed on the development of Checkpoint “B” proficiencies. FLACS Exam is required.

(0444) ITALIAN IV

Year - 1 credit

This course is a review of grammar structures already learned, and moves forward into more advanced grammar points, along with a holistic study of the Italian language and culture. Activities will include watching short films in the target language as well as reading a selection of literary works. An overview of Italian geography, history and culture will be presented.

(0440) AP SPANISH LANGUAGE

Year - 1 credit

This course continues the development of the four language skills of listening, speaking, reading and writing. Emphasis will be placed on using language for active communication so that students understand the spoken language in both formal and conversational situations. They will read newspapers, magazines and works of literature and express ideas fluently in writing. **Prerequisite: College Spanish; or recommendation of current teacher and department chairperson approval.**

(0441) COLLEGE SPANISH III

Semester -1/2 credit

(0442) INTERMEDIATE SPANISH CONVERSATION

Semester -1/2 credit

This course is comprised of an on-going review of all major grammatical structures as well as a thorough study of more complex grammatical concepts. Considerable emphasis is given to improving oral skills. Another major component of this course is a deeper understanding of the cultural richness of the Spanish-speaking world. **Prerequisite: Spanish III H; or a minimum grade of 95 in Spanish III R or Spanish IV; or recommendation of current teacher and department chairperson approval.** Both 1225 and 1226 must be taken by students who choose college courses in Spanish. (3 College Credits for each semester)

(0443) SPANISH IV

Year - 1 credit

This course is a review of grammar structures already learned, and moves forward into more advanced grammar points, along with a holistic study of the Spanish language and Hispanic culture. Activities will include watching short films in Spanish as well as reading a selection of literary works. An overview of Spanish and Latin American geography, history and culture will be presented.

NYS REGENTS EXAM DIPLOMA REQUIREMENTS

REGENTS DIPLOMA	Comprehensive English; Global History & Geography; U.S. History & Government; Life Science or Physical Science; Algebra I or Geometry or Algebra II
REGENTS DIPLOMA WITH ADVANCED DISTINCTION	Comprehensive English, Algebra I, Geometry, Algebra II, Global History & Geography, U.S. History & Government, Living Environment, One Science from the Physical Setting Core, FLACS Exam