


OTHER ELECTIVES

*Note: Please reference the 2020-2021 NHS program of studies for full course descriptions.

SAT Preparation 11 12 — This zero credit course requires students to apply critical thinking skills, problem-solving techniques and strategies, fundamental mathematical principles to unfamiliar problems, and knowledge of successful study and reading strategies.


Journalism 9 10 11 12 — This full year course offers students a hands-on introduction to all aspects of journalism and provides them with opportunities to publish in digital and non-digital arenas.


Journalism II 10 11 12  — This full year course to be taken after Journalism I that offers an in depth look at all aspects of journalism and provides them with opportunities to publish in digital and non-digital arenas.


Creative Writing 10 11 12 — This course offers students the opportunity to express their unique thoughts and original ideas as they craft fiction and nonfiction pieces, including self-selected topics of interest. Half year course paired with Film Analysis & Screen Writing.


Film Analysis & Screen Writing 10 11 12 — This course offers students the opportunity to express their unique thoughts and original ideas as they craft fiction and nonfiction pieces, including self-selected topics of interest. Half year course paired with Creative Writing.


Public Speaking, Argument, and Debate 10 11 12 — Students will engage in the art of public speaking, argument, and debate, as well as an exploration of varied strategies, methodologies and rhetorical devices to inform delivery and presentation.


College Algebra 12  — College Algebra is designed for seniors who have successfully completed Algebra II or Algebra II Fundamentals. The course aims to begin with an extensive review of algebra and geometry concepts in preparation for college entrance exams and development of skills necessary for college mathematics.

Advanced Algebra with Trigonometry 11 12  — Advanced Algebra with Trigonometry is designed for students who have successfully completed an Algebra II course and wish to further develop a foundation in mathematics in preparation for further college coursework in math and related fields of study. Students who have demonstrated strong competency in Algebra II and students who have experienced difficulties in Advanced Algebra II may select this course.

Pre-Calculus 10 11 12  — Pre-Calculus is designed for students who have demonstrated a strong ability in mastering the concepts of Advanced Algebra II and plan to take Calculus prior to the first semester of college. This curriculum involves the studies of all families of functions, trigonometry, analytical geometry, and the application of these topics in real-world problem solving.

Accelerated Pre-Calculus Honors 10 11  — Accelerated Pre-Calculus Honors is designed for students who have demonstrated superior ability in mastering the concepts of Accelerated Geometry and Accelerated Algebra II, and plan to take at least one AP Calculus course prior to the first semester of college.

Calculus 12  — Calculus is designed for seniors who have successfully completed Pre-Calculus and wish to begin the study of calculus prior to college without the pressure of an AP test at the end of the course. The course aims to provide both a thorough review of the properties, algebra, graphs, and language of all functions, followed by an introduction to the concepts and applications of calculus.

Humanities II Honors – The American Experience 9 10 11 12  — A course that integrates the arts and humanities and exposes student to a multi-disciplinary approach with a focus on the United States of America. (* Humanities I Honors in a Fine Art)


Key:  requires teacher approval  has a prerequisite  fulfills practical art requirement  fulfills fine art requirement


Archaeology of the Ancient World 10 11 12 — Archaeology of the Ancient World is designed for students who want to explore the mysteries of the ancient world and the questions raised by the archaeological record. This course is an exploration of the ancient past through the sites, artifacts, records, and mysteries of the centuries before the Common Era

History Through Film 10 11 12 - History Through Film will offer students a unique insight into American history through the lens of Hollywood filmmakers. Students will examine major events in US history through contemporary films and documentaries. The films will be paired with various primary and secondary sources which will enable students to assess how historical events have been portrayed on the screen. Half year course paired with Introduction to Criminal Justice.

Introduction to Criminal Justice 10 11 12 - Introduction to criminal justice allows students to explore the role of the criminal justice system in American society. Students will study the rights of the accused along with the role of the courts and law enforcement to build their understanding of the criminal justice process. The course will utilize community resources to provide students with a “hands-on” understanding the ways that the criminal justice process has evolved. Half year course paired with History Through Film.

Latin American History 10 11 12 - Surveys Latin American civilization from early civilizations to the present, emphasizing the events, ideas, and institutions that have shaped, influenced, and defined Latin America’s place in the world. This course will enable students to understand current events, crises, conflicts, and their causes, and implications for the future.

Holocaust and Genocide Studies Honors 10 11 12  — Holocaust and Genocide Studies aims to provide students with the knowledge and skills necessary to serve as effective and informed citizens of the United States and the global community, and to support the ideals of human rights and tolerance. This course will explore not only the events of the Holocaust and other historical genocides, but also probe the causes underlying these atrocities. College credit through Kean University will be offered.


Race in America 11 12  — Race in America aims to provide students with the knowledge and skills necessary to serve as effective and informed citizens of the United States and the global community, and to contribute to the creation and maintenance of a more just and equitable society. It is impossible to examine the history of the United States without confronting the issue of race.

Sociology 11 12 — Sociology is designed for students who want to obtain an introductory knowledge of sociology and to explore contemporary social issues from the perspective of the sociologist. This course requires that students apply the theories and methods of the sociologist to a study of contemporary issues.

Macroeconomics 11 12 — Macroeconomics is designed for students who want to develop an introductory knowledge of the theory and principles of economics that affect the American economy. This course requires students to develop the basic skills and concepts of economic analysis.

Intro to Computer Programming 9 10 11 12 — Introduction to Computer Programming has been developed to simultaneously introduce students to computer programming and to prepare them for an introductory course in the formal JAVA language. Students will learn to create and manipulate object classes to develop program animations.

Option ii 12— This is open to seniors who would like to spend part of their school day in a community setting. Students must fill out the option ii form. Students may create their own experience or choose from the following:

- **Career Internships**  — This allows for seniors to have an internship and receive school credit for this internship. This internship must be unpaid and requires accompanying course work. It is the student’s responsibility to find an internship placement.
- **Work Study** — This course is for seniors who would like to have a paid job during the second half of the school day. This job must be on the books (receive a paycheck) and requires accompanying course work. It is the student’s responsibility to find a job placement.
- **Tomorrow’s Teachers** — This is an opportunity to job sample in the district’s elementary or middle schools. This course requires students to work with district classroom teachers and staff. College credit through Kean University will be offered.
- **Hospital Work Internship** — This course requires volunteer work at Clara Maass Hospital for half of the school day. Experiences in various departments are available including same day surgery, emergency room, mail room, and maintenance. Health clearance by the hospital and daily uniform are required.

Key:  requires teacher approval  has a prerequisite  fulfills practical art requirement  fulfills fine art requirement

Human Physiology 11 12 ✍️📖 — Human Physiology is designed for students who want to learn about the organization of the human body, tissue and organ anatomy, as well as the functional design of major body parts. This course requires students to understand biological principles and apply them to mammalian anatomy.

Human Physiology Honors 11 12 ✍️📖 — This course is designed for students who want to study the physical and chemical principles that govern the anatomy and function of the human body. This course requires an AP form.

Marine Science 10 11 12 📖 — Marine Science is designed for those students who want to study the geophysical and living components of the marine ecosystem. This course requires students to utilize and apply biological and physical theories to one of the most diverse, productive, and interesting biomes on the planet.

Microbiology 10 11 12 📖 — Microbiology is designed for students who want to acquire knowledge concerning bacteria, viruses, and other microorganisms. Important topics discussed are microorganism structure and life processes, the role of microorganisms in disease, immunological response to microorganisms, and means of controlling microorganisms through cleaning, sterilization, or medical treatment

Forensic Science 11 12 📖 — Forensic Science is designed for students who want to participate in a challenging curriculum designed to provide a solid scientific foundation in the basic principles of forensic science. Topics will range from basic metric measurement and scientific method to more complex concepts such as fingerprint and glass analysis, forensic toxicology and anatomy, to the ever increasing role of DNA in criminal investigation.

Forensic Science Honors 11 12 ✍️📖 — Forensic Science Honors is designed for students who want to participate in a more challenging and comprehensive curriculum. Topics include forensic toxicology, anatomy and decomposition, physical and chemical properties of evidence, tool marks and footprint analysis, DNA profiling, fingerprint analysis, document examination, explosives and arson. This course requires an AP form.

Human Physiology Honors 11 12 ✍️📖 — This course is designed for students who want an in-depth study of the physical and chemical principles that govern the anatomy and function of the human body.

Leadership and Dynamics in Health Care Honors 10 11 ✍️ — Dynamics of Health Care in Society is an orientation to health care and delivery, from an interdisciplinary perspective, with a focus on process skills to include critical thinking, ethical reasoning, effective communication, and self-directed learning abilities.

Medical Math Honors/Medical Terminology Honors 11 12 📖 — Medical Math is designed to provide students with a basic understanding of what clinical research is and the scientific principles on which it is based. Medical Terminology studies words that pertain to body systems, anatomy, physiology, medical processes & procedures & a variety of diseases

Nutrition Honors 11 12 📖 — Nutrition Honors outlines life cycle nutrition including pregnancy and lactation, infancy, childhood and adolescence, the adult and the later years. It also covers the relationship of diet, lifestyle, and the prevention of disease. An overview of the digestion, absorption, and metabolism of protein, carbohydrates, fat, vitamins, and minerals is provided.

Emergency and Clinical Care/Clinical Research Honors 11 12 📖 — Emergency and Clinical Care describes how to respond to emergencies before medical help arrives. Clinical Research Honors provides students with a basic understanding of what clinical research is and the scientific principles on which it is based.