

BYRAM HILLS HIGH SCHOOL
School Counseling Department

New Courses for 2022-2023

ENGLISH

English 12: Humanities Seminar: Ethics in Literature

(COURSE #47 - 1 Unit)

Humanities Seminar: Literature and Ethics explores classical and modern literature as a springboard for contemplating the ethical questions that arise within stories. Throughout the course, students will consider the ethical dilemmas faced by characters in literature, connecting them to current events. Through regular presentations, students will lead classmates in debates and discussions. Students will be expected to work independently and collaboratively on a variety of assignments: personal essays, independent reading, collaborative literature circles, and a project-based learning experience. Ultimately, students will be asked to create a blueprint for a solution to a current ethical quandary. Principal texts may include: Checkov's "The Bet"; Shakespeare's *Hamlet*; Tim O'Brien's *The Things They Carried*; Celeste Ng's *Little Fires Everywhere*; Jodi Picoult's *My Sister's Keeper*; Rebecca Skloot's *The Immortal Life of Henrietta Lacks*.

SCIENCE

AP Environmental Science

(COURSE #347 and #L347 - 1 Unit)

Prerequisite: Biology, Chemistry and preferably Earth Science, at least one year of High School Algebra, and departmental approval.

Juniors and Seniors only

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Through the study of these topics, students will apply quantitative methods in solving problems, analyze data, visual representations, and writings, analyze research studies to identify hypotheses, and propose solutions for environmental problems.

MISCELLANEOUS

StartUp - Entrepreneurship Program (Year 1)

(COURSE #730A - 1 Unit)

Experience in any of the following courses could support student readiness for the program: Investments & Markets, Pathways in Engineering, Graphic Design 1, Robotics, Introduction to Computer Science, Studio Music Production & Composition, Speech Communication, STS Inventions & Innovations of the 21st Century

Juniors and Seniors

This program harnesses student excitement about becoming true entrepreneurs. Throughout the course, students ideate, develop, and iterate their own product or service startup in an attempt to gain investment funds in a final pitch event. Real entrepreneurs and business experts serve as volunteer coaches and mentors guiding student teams through the processes of developing hypotheses about a business concept, testing those hypotheses, adapting, and continually learning and improving. This cycle of experimentation combines with foundational business content such as marketing and finance. The businesses students build are real – they are not business cases or simulated experiences – which means students experience mistakes, take risks, and learn to pivot based on market needs. Students exit the course with a completed Business Model Canvas, competitive analysis, financial model, minimum viable product, pitch deck, future communications plan, and future funding plan. Year 2 of this program is intended for students who are interested in fully launching their business and thinking through how to best scale it. This course follows the INCubatoredu curriculum.