HIGH SCHOOL PROGRAM OF STUDIES
2027-2028

COURSE ADDITIONS

Course Title: Introduction to Civil Engineering - 3472 (Year Long - 1 Credit)

This project-based course introduces students to the field of civil engineering and its impact on our community infrastructure. Students will explore key topics including surveying, traffic and transportation planning, stormwater management, strength of materials and soil mechanics.

Through engaging, real-world projects, students will apply engineering principles to solve local challenges, such as redesigning a problematic traffic intersection, developing a stormwater solution like a rain garden or detention pond, and creating and testing concrete samples for strength and durability. Emphasis will be placed on problem-solving, teamwork, and design thinking as students move through the engineering design process from concept to presentation.

This course provides a strong foundation for students interested in pursuing engineering, architecture, or environmental science and helps build the analytical and collaborative skills

Prerequisites: C or higher in Algebra II; Concurrent with, or completion of, Precalculus or Physics

Course Title: Local Literature and Lore- 1151 (Year Long - 1 Credit)

This year-long course for seniors and potential juniors serves as one English credit. The course explores local literature and writing careers in the Governor Mifflin and Berks County areas. Students will navigate their own community and its wonders as they learn about the following units: John Updike's literature and life, local ghost stories and historical lore, writing, drafting, printing, and publishing careers in Berks County, and local children's books and authors. The course provides multiple opportunities for students to take an active role in their communities through field trips and guest speakers.

Assessments for the course include writing a ghost story about a researched local area, drafting a news article, publishing a children's book, and designing a book jacket about their own life after studying John Updike's life work and pairing illustrations.

Media Production 2 - 5768 (Year Long - 1 Credit)

Media Production 2 is a year-long intermediate course designed for students ready to elevate their technical and storytelling abilities. Building upon the foundational skills learned in Media Production 1, students will dive deeper into advanced cinematography, multi-track audio design, lighting techniques, and complex post-production editing. Working collaboratively in the digital media computer lab and working TV studio, students will take on specialized crew roles and produce higher-caliber segments, short films, and broadcast features for school and community audiences.

Pre-requisite: Media Production 1

Media Production 3 - 5769 (Year Long - 1 Credit)

Media Production 3 is a year-long advanced course focused on leadership, live broadcast management, and creative specialization. Operating within the digital media lab and working TV studio, students transition from crew members to producers, directors, and technical leads—overseeing daily studio operations, managing live multi-camera productions, and mentoring lower-level students. Emphasis is placed on project management, advanced motion graphics, sound mixing, and developing a distinct creative voice across film, television, and digital media platforms.

Pre-requisites: Media Production 1 and 2

Media Production 4 - 5770 (Year Long - 1 Credit)

Media Production 4 is a year-long capstone course that mirrors a professional production agency or broadcast environment. Utilizing the full capabilities of the digital media studio and working TV studio, students operate with a high degree of independence to pitch, manage, and execute large-scale passion projects, live broadcasts, and real-world productions for school and community clients. By the end of the year, students will graduate from the program with a polished demo reel, a professional portfolio, and the industry-standard workflow experience needed for college programs or entry-level media careers.

Pre-requisites: Media Production 1, 2 and 3