

# **Twin Valley High School**

## **Program of Studies Changes**

### **2025-2026 School Year**

[Click Here to view the 2025-2026 Program of Studies](#)

#### **New courses being offered:**

- AP Physics C - Electricity & Magnetism
  - AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course following Physics C: Mechanics, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. This course includes a hands-on laboratory component comparable to a semester-long introductory college-level physics laboratory. Students will spend a minimum of 20 percent of instructional time engaged in hands-on laboratory work. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting. Each student will complete a portfolio of lab reports.
- Photography III
  - Photography III is an extension of Photography II. Photography III allows students to further explore posing, composition, and technique, and investigate photography genres in more depth and more independently than Photography II.
- Naval Science (NJROTC)

Naval Science introduces students to the meaning of citizenship, the elements of leadership and management, the value of scholarship in attaining life goals, and engenders a sound appreciation for the heritage and traditions of America. During the four year program, students will study: maritime geography, navigation, maritime history, the interrelationship of sea power with national security, military justice, international law, naval ships and weaponry, meteorology, small boat seamanship, and an introduction to survival training. The importance of service to others will be consistently reinforced with annual volunteer and/or program service requirements.

During their first year students will focus on habits of orderliness, self-discipline and personal responsibility while developing a high degree of personal honor, self-reliance and teamwork. Academically they will focus on military and naval customs and traditions. Students will have the opportunity to take field trips, learn to drill, be involved in community activities and to participate in a variety of extracurricular activities.

In their second year, Naval Science students will continue to develop their traits of citizenship, leadership, responsibility and self-discipline while furthering an

appreciation for their country. This year includes an introduction to leadership and management.

Third year naval science students continue to develop leadership and management skills and assume mid level leadership positions while continuing through the naval science curriculum.

**Courses no longer being offered:**

- AP Physics I & II
  - These algebra-based physics courses are being removed due to lack of enrollment; AP Physics C: Mechanics (currently offered) and AP Physics C: Electricity & Magnetism (returning in 2025-2026) are both calculus-based courses that will better meet student needs.
- Environmental Sustainability
  - This course has not been scheduled since the 2020-2021 school year; PLTW Aerospace Engineering, which was added in the 2024-2025 school year, has garnered more student interest.
- 45 Day Fit
  - The addition of Sports Performance, Driver Safety Education, and Responding to Emergencies has limited enrollment in this course.

**Course changes:**

- Spanish I and German I
  - Combined Spanish/German I-A (0.5) & I-B (0.5) into single 1.0 credit classes. All students taking the first level of Spanish or German have been enrolled in both the I-A and the I-B sections; combining these sections simplifies course selection and gives students the benefit of having one final grade reported for the course.
- Sports Performance
  - Changed from two 1.0 credit courses to four 0.5 credit courses to allow for more flexibility in scheduling; the course will be offered in all four quarters and students could select 1, 2, 3, or 4 sections.
- Chemistry II
  - Changed from academic to honors to better meet student needs. This course was offered as an ad-hoc honors course for the past two years when there was insufficient interest in AP Chemistry. The course content meets the TVHS Honors Criteria.

**Updated course titles:**

- Technology & Engineering Course Names
  - Materials Technology → Wood Technology I, II, III, & IV
  - Energy Power and Transportation → Electronics and Power Technology I, II, III, & IV
  - Drafting and Design → Drafting and Design Technology I, II, III, & IV
  - Graphic Arts → Graphics Technology I, II, & III
- English

- English 9, 10, 11, & 12 → English I, II, III, & IV
- Music
  - Symphonic Band/Parade Band → Symphonic Band
  - Field Band → Marching Band

**Updated course descriptions:**

- Sports Performance
- AP Physics C - Mechanics
- French I - IV
- Music Recording & Technology
- AP Music Theory
- Voice Lab
- Symphonic Band
- Marching Band
- Parties and More
- World Cuisine
- Introduction to Preschool Lab & Advanced Preschool Lab

**Other changes made since last revision:**

- Kutztown University's Early College Academy
- Dual Enrollment at Saint Joseph's University - Lancaster
- Yearlong English I
- Supplemental Reading
- Supplemental Math