## West Campus Science Electives

• West Campus offers many science electives from which to choose.

- Each course has its own set of prerequisites which must be met prior to enrollment.
- Students must successfully complete courses in Biology and Chemistry prior to enrolling in these electives.
- Most four-year colleges require successful completion of three years of science to be considered for admission.
- Students with an interest in the sciences may choose to enroll in more than one science elective at a time.







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# AP Physics

## - Grade 12

Above average achievement in Physics and completion of, or concurrent enrollment in Calculus.

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Advanced Placement Physics is a second-year physics program for students who desire a college-level course while still in high school.

The content emphasizes problem-solving in mechanics. Advanced mathematics, including calculus, will be used.

Satisfactory completion of Advanced Placement Physics will prepare students to take the Advanced Placement Physics C mechanics examination.

This course is designed for students interested in such careers as engineering, physics, astronomy, biophysics, and mechanical design.







# **Forensic Science**

### Prerequisite:

STATISTICS ---

•Successful completion of one year of science •This course can be taken concurrently with Physics Junior year Description:

• Forensic Science will introduce the student to the world of forensic science and crime scene investigation.

• This course is designed to cover topics in biology, chemistry, earth science, and physics.

•The focus of this course will be real-life scenarios implemented in the laboratory.

 Students will be expected to think critically, apply theory, analyze data and draw conclusions to solve simulated crimes.