CAPISTRANO VALLEY HIGH SCHOOL

Academy of Technology, Math and Science (ATMS)

This accelerated program is designed for those students who have demonstrated exceptional ability and interest in the areas of mathematics, science and/or Technology. Within ATMS, two levels of achievement are possible: **ATMS GOLD** and **ATMS SILVER**. Students who complete the requirements will receive a certificate of achievement at Senior Awards and ATMS GOLD students will receive a chord to be worn during Graduation.

ATMS GOLD – Requires students receive a C or higher in the following courses:

- 6 ATMS courses
- 10 AP/IB courses including:
  - ✔ AP Calculus BC
  - ✔ ATMS (AP) Stats
  - ✔ AP Computer Science Principles or AP Computer Science A
  - ✔ 2 AP/IB Science courses from the list of Biology, Chemistry, Physics, Environmental Science, IB Marine Science or a second Computer Science class.

ATMS SILVER – Requires student receive a C or higher in the following courses:

- 6 ATMS courses
- 7 AP/IB courses including:
  - ✔ AP Calculus AB
  - ✔ ATMS (AP) Stats
  - ✔ AP Computer Science Principles or AP Computer Science A
  - ✔ 2 AP/IB Science courses from the list of Biology, Chemistry, Physics, Environmental Science, IB Marine Science or a second Computer Science class.

Required Course Sequence:

Note: Algebra **MUST** be completed in 8th Grade. All courses must be taken at CVHS. Any alternative plans must be cleared by the ATMS coordinator prior to starting the program.

Freshman Year

Honors Geometry/Algebra II ATMS - OR-
Honors Algebra II/Trig ATMS
Honors Biology ATMS
Honors English I ATMS
PE or Athletics
2 Electives: (examples)

- World Language (required for IB)
- AP Human Geography (Elective Credit)
- Engineering
- Music or other Fine Art (VPA)

Sophomore Year

ATMS AP Statistics
Honors Chemistry ATMS
Honors English II ATMS
AP European History
Elective (s)
PE Credit*

Junior Year

ATMS Honors Pre-calculus
AP or IB Science of your choice
AP Language and Composition
AP US History
Elective(s)

Senior Year

AP Calculus BC **(AP test gives you AP Calc AB credit also)**
AP or IB Science of your choice
AP Literature and Composition
AP Government
Elective(s)

*Speak to your counselor for possible alternative options.

(Updated 1/2026)