# 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: Geometry **MUST** be completed prior to 9<sup>th</sup> Grade. All courses must be taken at CVHS. Any alternative plans must be cleared by the ATMS coordinator prior to starting.

#### Freshman Year

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

## **Junior Year**

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

#### **Sophomore Year**

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

PE Credit\*

#### **Senior Year**

AP Calculus BC AP or IB Science of your choice AP Literature and Composition AP Government Elective(s)

<sup>\*</sup>Speak to your counselor for possible alternative options.