# SENIOR YEAR

## AT A GLANCE

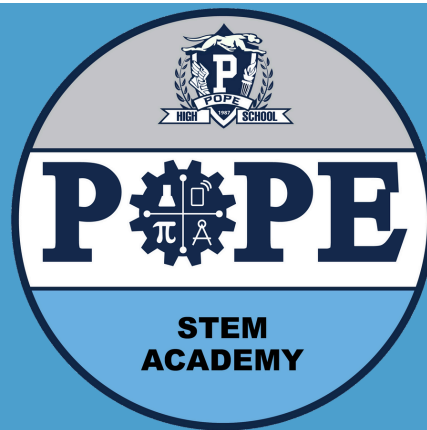**POPE STEM ACADEMY**

## REQUIRED SENIOR STEM ACADEMICS

Math & Science (Based on pathway)

- Advanced Math & Science:
  - Multivariable Calc
  - AP Chemistry
  - AP Research
- Computer Science
  - 11th AP PreCalc → AP Cal AB/BC or AP Stats
  - 11th PreCalc → AP Calc AB or AP Stats
  - Honors or AP level Science
  - Programming, Games & App Design
- Engineering
  - 11th AP PreCalc → AP Cal AB/BC or AP Stats
  - 11th PreCalc → AP Calc AB or AP Stats
  - Honors or AP level Science
  - Engineering Design & Development
- Life Science
  - 11th AP PreCalc → AP Cal AB/BC or AP Stats
  - 11th PreCalc → AP Calc AB or AP Stats
  - Honors or AP level Science
  - AP Research

*Honors Literature Recommended for all pathways

## SENIOR YEAR CHECKLIST

- ☐ Join the Remind group for your cohort (@25popestem)
- ☐ Pay annual Pope STEM Academy Foundation (PSAF) dues
- ☐ Maintain a 3.0 unweighted GPA overall and 3.5 weighted GPA in Academy courses
- ☐ Attend at least 1 Academy social event
- ☐ Attend at least 1 Academy educational event
- ☐ Apply for grade level Merit Award
- ☐ Attend Merit Awards Reception
- ☐ Volunteer for at least 1 Academy event
- ☐ Active member in at least 1 Pope HS club with a STEM emphasis
- ☐ Volunteer for at least 5 hours of STEM related service
- ☐ Present Capstone Project presentation based on pathway

## POPE HIGH SCHOOL STEM REQUIREMENT

- Active member in at least 1 Pope HS club with a STEM emphasis (approved list on website)

## VOLUNTEER REQUIREMENTS
### (required to attend at least 1 in each category)

- Volunteer for at least 5 hours of STEM related service (Science Olympiad events, elementary/middle school STEM events, etc.)
- Volunteer for at least 1 Academy event (orientation, rising 9th grade meet & greet, parent night, open house, middle school visit)

## ACADEMY EVENTS
### (required to attend at least 1 in each category)

- Attend at least 1 Academy <u>social event</u> (back-to-school picnic, ice cream social, escape room, breakfast etc.)
- Attend at least 1 Academy sponsored <u>educational event</u> (off-campus or in-house field trip, capstone project for another cohort)
- Attend end-of-year Merit Awards reception