

SuperAP Syllabus
Mr. Neat
2019-2020

Dear Students, Parents/Guardians,

Thank you for your interest in this exciting class. I am enthused that your son/daughter has decided to join our most advanced programming group. This year they will be teaching a lot as well as resume building in order to make them marketable in the ever changing software field.

All SuperAP's should be passionate about the subject. By now, they know what coding is and if they have signed up for this course, then they should have big ambitions to learn more about the subject. There are many pathways within the SuperAP course. I will briefly outline the expectations below.

All SuperAP's are required to:

- 1) Complete a personal resume and post it on github.
- 2) Submit weekly reports about their work/activities/accomplishments

In addition, students with Internships are required at a minimum to:

- 1) Work 10 hours a week on their job
- 2) Satisfy the customer's needs
- 3) Present their results/experiences/lessons learned to my classes when asked
- 4) Complete an entry in the "CV Enterprises" website describing their project. This will include a small write-up, a short video explaining their contribution and links to any products they have created.

Students enrolled in SuperAP that want to improve their AP CS A score are required to:

- 1) Work through the course curriculum emphasizing their weak areas
- 2) Help significantly with teaching
- 3) reTake the AP Exam in May

All other students are required to:

- 1) Help teach all levels
- 2) Compete in a hack-a-thon and/or other programming competition
- 3) Work through a SuperAP lab set that will involve:
 - a) mainframe compiling
 - b) learning new CS languages
 - c) Programming a smart phone
 - d) Reading and doing the labs in *Ruby on Rails*
 - e) Applying Ruby knowledge to a frontend/backend problem such as *bday*

If you would like to communicate with me, please send me an email (gneat@gusd.net). Please DO NOT leave a message on my school phone number. To find out more information about the class, check www.drneato.com and click on the "School" link.

Please acknowledge your reading and understanding of these rules by signing and returning the form below.

Thank You!

Student name

Student signature

Parent signature

Parent Email

