



Technology Applications

Join the Revolution!

Each course counts as one Technology Credit.

Computer Science Pre-AP (# 3005)

Computer Science Pre-AP is an introduction to creating computer software. Learn the building blocks of the stuff that makes your cell phone, computer, and iPod work! You'll be crafting computer programs in the Java programming language. Practice your skills with Lego robots. *Prerequisite: Algebra I*

Computer Science AP-A (# 3010)

Computer Science AP-A is a more in-depth study of the creation of computer software. Using the Java programming language, you will learn about sophisticated programming techniques. This class will prepare you for the **AP exam**, potentially saving you thousands of dollars in college tuition (and a lot of homework)!

Bonus: This class fulfills the Math requirement for the Fourth Year of Math. *Prerequisite: Algebra I, Computer Science Pre-AP (underclassmen only)*

Advanced Technologies in Computer Science (# 3015)

Advanced Technologies in Computer Science is an opportunity to explore more exciting opportunities in computer programming. You can learn how to create a video game, control a robot, or generate computer graphics or animation. There are endless possibilities. *Prerequisite: Computer Science AP-A*

Video Technology (# 3012)

In Video Technology you will learn to take simple video and turn it into something that will really get people's attention. You could create the next YouTube sensation! Learn about all phases of professional video production. We use the same software that professional video editors use. Learn how to add special effects, sound, graphics, and animation to your creations. Create video podcasts to share with the world. *Prerequisite: Algebra I*

Web Mastering (# 3013)

Web Mastering will change the Internet as you know it. Learn how to create websites from the ground up. Use the software that professional webmasters rely on. Everyone wants a webpage. Be the person they can pay to give them what they want. *Prerequisite: Algebra I*

Independent Studies in Technology Applications II (# 3018)

If you enjoyed your Computer Science AP-A, Video Technology, or Web Mastering class, Independent Studies in Technology Applications is your chance to learn more.

Prerequisites: Web Mastering, Video Technology, or Computer Science AP-A; Instructor Approval

Technology Applications Department

www.neisd.net/madison/academics/tech_apps/tech_apps.html

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