

## **Troy High School Course Profiles**

**Course Title:** Digital Technology Fundamentals Honors

**Course Prerequisites:** Refer to Registration Presentation

**Course Description:**

This course will focus on how to make computer operating systems more resistant to security breaches but exploring the details of Windows 10 and Linux. Computer Operating System Security is designed to give students:

- = an understanding of Windows 10
- = an understanding of Linux, an open source operating system
- = a survey of network and Internet security.

The course will cover Windows 10 and Linux:

- = history
- = installation
- = configurations for network operations and remote access,
- = monitoring and back ups

**Students entering this course does require any prior mastery of any computer concepts or skills.**

**Workload expectations for this course:**

Students should expect to get a hands-on experience with computer hardware and software. You will be expected to do in-class online research, work together with other students in teams, take detailed notes, and be able to demonstrate mastery by DOING along with taking written tests.