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MET TECHNOLOGY, IT NETWORKING & CYBERSECURITY

IN THIS PROGRAM, STUDENTS WILL:

- Realize their strengths and passions by exploring technology and cybersecurity fundamentals
- Gain knowledge and skills through hands-on, project-based learning
- Cultivate professional skills critical to success in all college and career endeavors
- Develop advanced knowledge and skills to maintain security of data and computer systems
- Install and troubleshoot various operating systems (Linux, Windows, Cisco, etc.).
- Gain industry experience working alongside IT professionals to complete authentic business projects
- Participate and compete in multiple national computer science competitions
- Connect with business mentors from companies and organizations such as: American Express, Cisco, Terra Verde, Cyberwarfare Range, Grand Canyon University, Glendale Community College



APPLY NOW! Download the application at: www.peoriaunified.org/met

STEPS TO SUBMIT YOUR APPLICATION

Step 1: Complete all form fields on the application

Step 2: Meet with your counselor to obtain his or her approval

Step 3: Submit your completed application to your counselor



HIGH SCHOOL COURSE SEQUENCE

First Year:

Semester One

Cybersecurity — Cisco
Cybersecurity — IT Ethics

Semester Two

Cybersecurity—MS Windows
Cybersecurity—Linux

Second Year:

Semester One

Cybersecurity—Capstone I

Semester Two

Cybersecurity— Capstone II



COLLEGE DUAL ENROLLMENT COURSES

Introduction to Networks (CNT 140) - Introduces the architecture, structure, functions, components, and models of the Internet and other computer networks.

Ethics in Information Technology (CIS III) - Ethical issues that arise as a result of increasing use of computers, and the responsibilities of those who work with computers, either as computer science professionals or end users.

Installing & Configuring Microsoft Windows (MST 150SV) - In-depth exploration of how to effectively install and configure Windows 10. Includes features of Windows 10, virtualization improvements, network connectivity, access to resources, monitor and maintain Windows clients and backup and recovery.

Linux Operating System (CIS 126DL) - Introduction to the Linux Operating system. Develop knowledge and skills required to install, configure and troubleshoot a Linux-based workstation including basic network functions.

Computer Hardware Configuration and Support (BPC 170) - Explore technical aspects of personal computers, including system components, installation, system configuration, peripheral devices, and notebooks.

Operating System Configuration and Support (BPC 270) - Explore advanced technical aspects of maintaining and servicing computers with an emphasis placed on OS installation.

COLLEGE PROGRAM PARTNERS

Estrella Mountain Community College (founding dual-enrollment partner)

Grand Canyon University

ASU Center for Gender Equity in Science and Technology