Mr. Jean

Cisco Networking Academy

CAREER AND TECHNICAL EDUCATION(CTE)

PRESENTATION OUTLINE

KEY POINTS

- Program Overview
- Course Sequence
- Program Highlights

ORANGE HIGH SCHOOL

PROGRAM OVERVIEW

Cisco Network Academy

Cisco covers fundamental computer and networking skills for entry-level IT jobs.

Students apply skills and procedures to install, configure, and troubleshoot computers, mobile devices, and software

Example of Careers:

Enterprise technician, IT administrator, Network Engineering, PC technician, remote support technician, Network support, Network admin or IT specialist.

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Cisco I

1. Basic Network Connectivity and Communications

2. Ethernet Concepts

3. Communicating Between Networks

4. IP (Internet Protocol) Addressing

5. Network Application Communications

6. Building and Securing a Small Network

Cisco I

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Cisco II

1. Switching, Routing, and Wireless Essentials(SRWE)

   - LAN (Local Area Network) Security Concepts
   - WLAN (Wireless Local Area Network) Concepts
   - STP (Spanning Tree Protocol)

2. Enterprise Networking, Security and Automation(ENSA)

   - ACL (Access lists) Concepts
   - Network Automation
   - Network security Concepts

Cisco II

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Computer
TIA A+

Computer TIA A+

Program Highlights

• Install/re-install PC

• Create your own Ethernet Cables

• Guest Speakers

• Hands-on labs

• Certification of course completion

• Cisco Packet Tracer: An interactive way to practice networking, IoT (Internet of Things), and cybersecurity skills – no hardware required!

Career Preparation Workshop: We have created a self-paced workshop that is focused on preparing you to start your career. Offering you guided lessons with activities that will help you prepare for the job search and for the work environment too.

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Cisco Networking Academy

Cisco Networking Academy is an Information technology (IT) skills and career-building program for learning institutions and individuals worldwide. Curriculum is offered to build the foundational and problem-solving skills needed for careers in Digital Literacy, Business, Operating Systems (OS), General IT, Networking, Security, the Internet of Things (IoT). Networking Academy offers a comprehensive learning experience that includes an online curriculum, assessments, and simulations that are all delivered through the NetAcad.com cloud-based learning and collaboration platform.
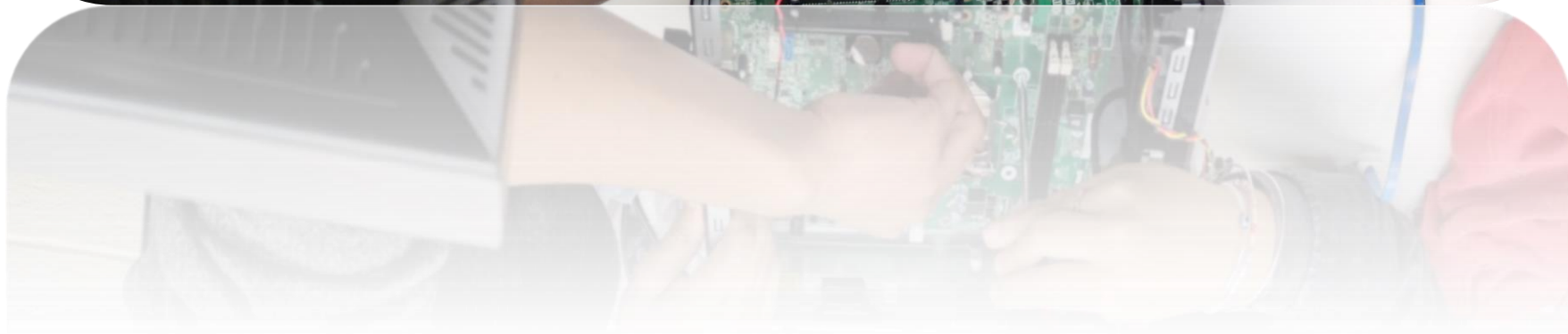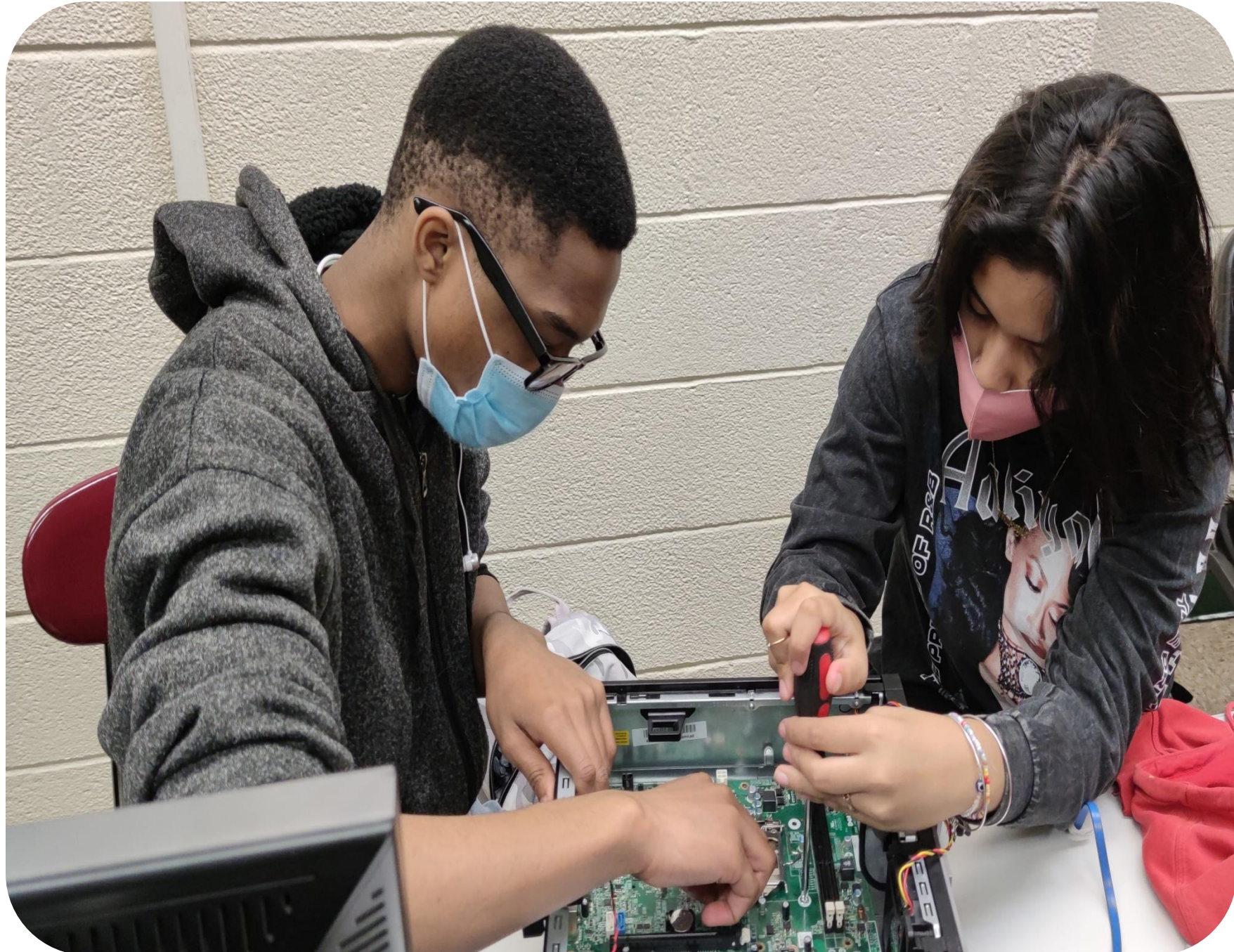
Students Examples

Testing a Power Supply

Manually Testing a Power Supply with a Multimeter

Installing a Motherboard

Configuring devices and verifying there Connectivity