

Pesto Academy

Michigan Apprenticeship Readiness Certificate (MARC) – proposed, discussion only

Keith E. Kelly, 2/13/2024

Version 1.1

Phase I – Reach

The Cisco Introduction to Cybersecurity course will be delivered both in-person and virtually.

This initial phase focuses on building brand awareness and visibility of Pesto Academy workforce development initiative. Jesse and apprentices will be featured at the start and end of each session. Completers will be encouraged to enroll in the Phase II MARC program.

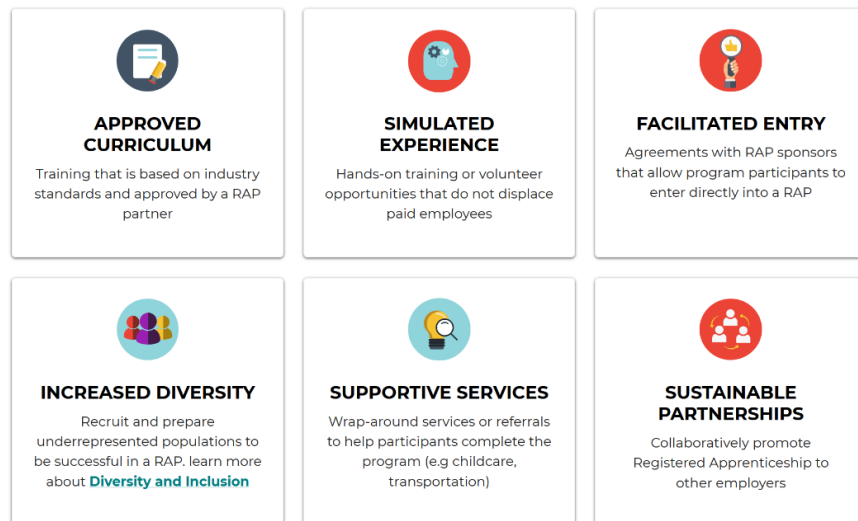
1. Introduction to Cybersecurity – 6 hrs

- a. <https://skillsforall.com/course/introduction-to-cybersecurity?courseLang=en-US>

Phase II – MARC

What are the Elements of a Quality Pre-Apprenticeship Program?

Quality pre-apprenticeship programs can play a valuable role in providing work-based learning to help people prepare for an entry-level RAP. While Pre-Apprenticeship programs have varied designs and approaches, the Department of Labor has outlined the elements of a quality pre-apprenticeship program that can place an individual on the potential career pathway to employability through a RAP:



Curriculum (Proposed)

1. Computer Hardware Basics – 6 hrs

- a. <https://skillsforall.com/course/computer-hardware-basics?courseLang=en-US>

2. Operating System Basics – 12 hrs

- a. <https://skillsforall.com/course/operating-systems-basics?courseLang=en-US>

3. Introduction to Data Science – 6 hrs

- a. <https://skillsforall.com/course/introduction-data-science?courseLang=en-US>

4. Network Basics – 22 hrs

- a. <https://skillsforall.com/course/networking-basics?courseLang=en-US>

5. Python Essentials I – 30 hrs

- a. <https://skillsforall.com/course/python-essentials-1?courseLang=en-US>
- b. Instructor led experience, Marc capstone
- c. RAPQ Enrollment, cohort feeder

6. Total 76 hours

Schedule

Hybrid delivery. In person session combined with Cisco NetAcad course completion and credentials

- March, 2024 - Introduction to Cybersecurity – 2 sessions
- April, 2024 - Operating System Basics – 2 session
- May, 2024 - Computer Hardware Basics – 1 session
- Introduction to Data Science – 1 session
- Networking, Python – TBD

Location

Petoskey District Library

Classroom – 5:00 to 6:30

Networking at Northcoast.Work after

Materials

- Cisco Skills for All – no cost, self-registration
- Petoskey Library classroom – no cost?
- Workstations
 - o Keyboard, mice, monitors, power, SD cards – purchased
 - o Need updated Raspberry Pis (V3 replaced with V5?)
 - o $\$75 * 16 = \$1,200$
- Networking events?

Marketing

- Library
- Char-Em ISD
- Thrive45
- Strive
- Rotary
- Petoskey School Robotics

Sponsorship?

- Rotary
- NLEA
- Great Lakes Energy
- Other employers