Frederick Community College

America's Promise Grant

Department of Labor Employment and Training Administration (DOLETA)

Network Engineering, Information Session

June 2, 2017

Agenda

- Overview of grant
- Training design, structure and opportunities
- Eligibility
- Intake process
- First cohort – Network Engineering
- Next steps and questions

Frederick Community College

Overview

- Consortium Name - Capital Region Collaborative: Jobs for Technology

- Regional Partnership Members: Montgomery College & Prince Georges Community College

- FCC Program Name: Tech Connect

- Grant Period: January 2017 – December 2020

Grant-funded, employer-aligned, jobs-focused experience
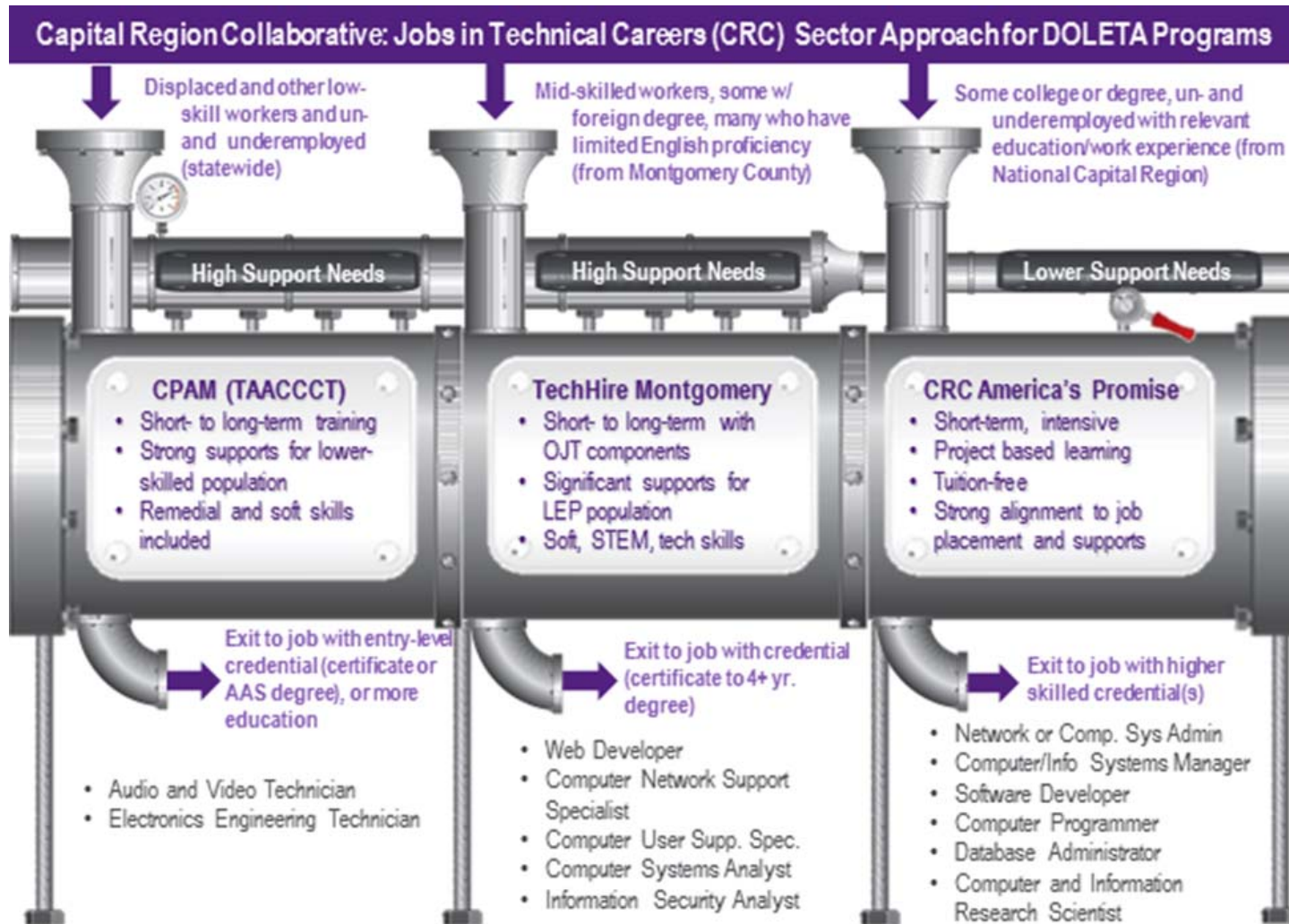
Frederick Community College

Overview

- Montgomery College
  - Grant awardee and lead
  - Part of a collaborative pipeline
  - Staff and services to provide job search, preparation and placement

- Frederick Community College
  - Sub-awardee
  - Proven track record for delivering and facilitating this curriculum
  - Insight from employer partners

Frederick Community College

Capital Region Collaborative

Capital Region Collaborative: Jobs in Technical Careers (CRC) Sector Approach for DOLETA Programs

Displaced and other low-skill workers and un- and underemployed (statewide)

Mid-skilled workers, some w/ foreign degree, many who have limited English proficiency (from Montgomery County)

Some college or degree, un- and underemployed with relevant education/work experience (from National Capital Region)

High Support Needs

High Support Needs

Lower Support Needs

CPAM (TAACCCT)
- Short- to long-term training
- Strong supports for lower-skilled population
- Remedial and soft skills included

TechHire Montgomery
- Short- to long-term with OJT components
- Significant supports for LEP population
- Soft, STEM, tech skills

CRC America's Promise
- Short-term, intensive
- Project based learning
- Tuition-free
- Strong alignment to job placement and supports

Exit to job with entry-level credential (certificate or AAS degree), or more education

Exit to job with credential (certificate to 4+ yr. degree)

Exit to job with higher skilled credential(s)

- Audio and Video Technician
- Electronics Engineering Technician

- Web Developer
- Computer Network Support Specialist
- Computer User Supp. Spec.
- Computer Systems Analyst
- Information Security Analyst

- Network or Comp. Sys Admin
- Computer/Info Systems Manager
- Software Developer
- Computer Programmer
- Database Administrator
- Computer and Information Research Scientist

A primary objective is job placement for individuals encountering barriers and long term tracking and support.

Frederick Community College

Training

Design
- Short-term, intensive training
- Includes project-based learning, work experience, job preparation, job search and placement supports
- Grant-funded

Occupational Training Programs
- Networking Engineer (132 hours)
- IT User Support Specialist (114 hours)
- Healthcare IT Technician – Under Development
- Web Programmer – Under Development

Frederick Community College

Schedule/Structure

- Evenings & Weekends (Fri/Sat)
- Hybrid, Online, and Face-2-Face
- 14-26 week duration
- 115-170 hours

IT Certification Preparation

Eligibility for Grant

Adults with an inclination and aptitude to excel in IT and one of the following:

- Veterans of the Armed Services
- Unemployed or Under Employed
- Some College but not Currently Enrolled or Relevant Work/ Life Experience
- Incumbent workers screened for eligibility

Note: Additional, assessment/prerequisites apply based upon training track of interest

Intake Process

- Information Session
- Website/Application
  - www.Frederick.edu/TechConnect
- FCC review for grant eligibility for grant participation
  - Demographics
  - Resume/Experience
- Workforce Services reviews eligibility for WIOA support
- FCC will communicate eligibility to applicant
  - Accepted for track – complete FCC registration process
  - Not accepted for track – individual referred for other opportunities
- Attend and complete training – Take certification exam

First Cohort

Network Engineering

- Instructor – Jeff Colburn
- Dates – July 6th - December 12th, skip the week of Thanksgiving
- Schedule – TTH, 6-9p
- Location – FCC Main Campus, Room KC200
- Prerequisite – CompTIA A+ certification or equivalent experience
- Employer engagement for workplace experience

First Cohort

Tech Connect – Network Engineering

The Cisco Certified Network Associate (CCNA) curriculum is a gateway to entry-level networking jobs and IT careers. The curriculum consists of 4, 30-hour courses: Network Fundamentals, Switching Technologies, Routing Technologies, and Wide Area Network (WAN) Technologies. The four courses together plus a 12 hour exam preparation course prepare you to take the Cisco CCENT (Cisco Certified Entry Networking Technician) and CCNA Routing and Switching certification exams and earn the designation CCNA. In this program you will:

- Develop a working knowledge of routing, switching, network applications, protocols, and services.
- Study with an instructor in the classroom and access expert content online anytime.
- Practice what you learn on both real equipment and a network configuration simulation tool.
- Get immediate feedback on your work through built-in quizzes and tests.
- Prepare for the workplace with collaborative projects and presentations.
- Connect with the global Cisco Networking Academy community.

This curriculum builds the skills you need to get hired and succeed in jobs related to networking computers, devices and other appliances. Whether you are preparing for your first job or specializing with more study, CCNA is a great foundation. Career pathways include: network technician, support engineer, network administrator, network designer, network engineer, and more. Prerequisites: HS diploma or GED, CompTIA A+ certification or equivalent experience.

Network Engineering

Hear from the Instructor

- Content of the training track
- Approach to delivery
- Interest, Aptitudes and Skills needed for success
- Approach to successful Cisco Certified Network Associate credential
- Types of positions for which the individual will be prepared

Next Steps

- Apply and note your area of interest www.Frederick.edu/TechConnect
  - Workforce Services computer lab is available until 12p
- Participate in assessment and eligibility activities in a timely manner, as requested
- Ensure you can make scheduled classes if accepted into the program
  - Let us know if you cannot – there will be other opportunities
  - Acceptance activities will be complete by June 30th
- If accepted stay engaged. If not accepted this time pursue other opportunities.

Questions?