# **IT Occupational Pathways**



Youth Apprenticeship

### IT BROADBAND TECHNICIAN

IT Broadband Technician youth apprentices assist with on-site installations, troubleshooting, repairs and maintenance of telecommunications products and equipment. Technicians have direct, face-to-face contact with customers. Services include but are not limited to, telephone, video/community antenna television (CATV)/direct broadcast satellite (DBS), internet, wi-fi, or high-speed networks.

Length of Apprenticeship: One year

\*Bridging

## **IT ESSENTIALS**

IT Essentials youth apprentices gain a foundation of information technology skills applicable in many areas of IT, including desktop, software, and security skills.

Length of Apprenticeship: One year

\*Bridging

### IT NETWORK AND SECURITY

IT Network and Security youth apprentices assist with network systems and cybersecurity processes, including network performance, maintenance and security of systems and information.

Length of Apprenticeship: One year

\*Bridging

## IT SOFTWARE AND APPLICATION DEVELOPMENT

IT Software and Application Development youth apprentices gain code writing, troubleshooting and system security skills related to the development of software and applications.

Length of Apprenticeship: One year

\*Bridging

Key: \*Bridging indicates where a Registered Apprenticeship bridge does not exist, one may be developed.

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