IT NETWORK SYSTEMS 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

OCCUPATIONAL COMPETENCIES

Youth apprentices must complete **a total of 10** competencies per year. **Nine** must be from the list below. If necessary, employers can substitute up to **1** competency with another occupationally appropriate skill. That skill should be added to the competency list for assessment. Note that where necessary, skills can be simulated.

Competencies
1. Evaluate work order
2. Install and configure customer infrastructure
3. Verify completion of installation
4. Maintain network documentation
5. Communicate with vendors
6. Perform basic technical network support duties
7. Monitor Network performance
8. Perform routine network system maintenance
9. Apply Network upgrades and patches
10. Maintain information and system security

REGISTERED APPRENTICESHIP BRIDGING OPPORTUNITIES

The following Registered Apprenticeship is available in this area:
- IT Service Desk

POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. The following is a partial list.
- IT Network Technician Technical Diploma
- Network Enterprise Administrator Technical Diploma
- IT Help Desk Support Specialist Technical Diploma