The GED Tech Apprenticeship program

Empowering students & future-proofing workforces

GEDWorks is committed to supporting graduates as they transition into meaningful careers; while also ensuring our commercial customers can build future-proof workforces, equipped with the digital skills they need.

In partnership with WithYouWithMe, the Tech Apprenticeship Program offers graduates access to free training across 11 SFIA-accredited digital career pathways. These rapid upskilling programs empower learners with the skills needed to thrive in technology-led environments, offering individuals an entry point to in-demand careers or allowing growth and development within their current roles.

Designed to make learners ‘job-ready’ in around **150 hours**, the Tech Apprenticeship Program’s training courses offer flexible learning options including self-paced online and instructor-led programs.

Benefits

- Hire digitally skilled candidates into your workforce or enable existing staff to build their capabilities
- Ensure your workforce remains competitive and able to utilize new and emerging technologies
- Address talent shortages and fill critical skills gaps
- Make a positive social impact on GED graduates from underserved communities
- Position your organization for future growth by enhancing digital literacy

New to IT

Developing basic digital literacy and IT skills can be daunting for those new to the industry or the modern workplace. Fundamental IT skills enable individuals to identify, understand and operate systems and incorporate digital processes into their work.

Individuals will learn to:

- Understand the integration of hardware, software, operating systems and networks
- Locate and clean raw business data and perform basic analysis
- Implement the basic methodologies of cloud, software development and systems engineering

Data

Data analytics, at its core, is all about solving problems using data. Data Analysts understand how to collect, clean and transform raw data into actionable insights which can be used to solve business problems and enable informed decision-making.

Individuals will learn to:

- Interpret data and find meaningful insights
- Apply statistical analysis to real-world problems using common data applications
- Visualise data to enable decision-making and keep stakeholders informed

Business Analysis

Business Analysts are responsible for reviewing and analyzing business processes then making recommendations on how to improve or create efficiencies. Driven by data, they identify opportunities, solve problems and communicate solutions, supporting stakeholder decision-making at all levels.

Individuals will learn to:

- Collect, understand and analyze business data
- Present findings and make recommendations
- Optimize business processes and create efficiencies

Cyber

The evolution of new technologies and increase in cyber threats have made cyber security is one of the fastest growing industries in the world. Cyber Security Analysts safeguard business systems and critical data, protecting them from malicious actors and attacks.

Individuals will learn to:

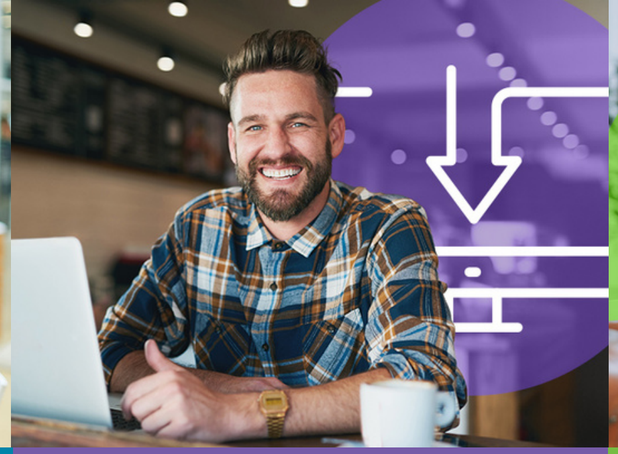
- Build and maintain safe and secure networks
- Identify and combat common cyber threats
- Implement the technical requirements for the defensive and offensive protection of networks

Digital Project Management

Digital Project Managers oversee the planning, tracking and delivery of technology-based projects including websites and online or mobile applications. Their role involves the management of project teams and stakeholders to ensure deliverables are finished on time and within budget.

Individuals will learn to:

- Define projects, frameworks, methodologies and lifecycles
- Build and maintain stakeholder relationships
- Understand and implement the key principles of change management



Low Code

Low code is a visual software development approach that requires little to no coding to build applications and processes. Pega is the most common low/no code business process management platform, allowing Systems and Business Architects to easily build applications that capture data and initiate processes.

Individuals will learn to:

- Understand and implement the core principles of application development on the Pega platform
- Quickly design and create business applications that streamline processes and add value
- Develop unique applications on the Pega platform based on business requirements

Software Development

Software Development plays an increasingly large role in practically every industry. Software Developers are responsible for analyzing and understanding users' needs then designing, developing, implementing and testing software solutions to address them.

Individuals will learn to:

- Understand and implement programming concepts and principles
- Write basic code in HTML, CSS, Python and JavaScript
- Facilitate a collaborative approach to software development, testing and deployment

Linux

Linux is an open-source operating system that powers 95% of the world's top 1 million websites and 80% of all smartphones. Linux System Administrators build and maintain the systems that power everything from phones to cars, supercomputers to home appliances and home desktops to enterprise servers.

Individuals will learn to:

- Build and maintain servers, networks and security
- Troubleshoot and solve server issues
- Design, develop, maintain and improve programs to address business needs

Cloud

Cloud computing is one of the most widely used and dynamic IT services in the world. Cloud Architects or Engineers build and maintain an organization's cloud-based networks and business systems, enabling improved productivity, security and flexibility.

Individuals will learn to:

- Build and maintain cloud-based networks
- Improve business agility by allowing users to quickly and easily deploy services and applications
- Maintain identity, governance, privacy and compliance across popular cloud services

Service Desk

Service Desk Analysts are the go-to IT people in an organization. Dedicated to implementing and maintaining the technology, hardware, software and networks that power day-to-day operations, Service Desk Analysts play a crucial role in keeping organizations moving forward.

Individuals will learn to:

- Identify and troubleshoot IT issues across a range of platforms and programs
- Maintain basic cyber security operations and identify threats for escalation
- Prepare software and hardware for other team members in-line with business requirements

Automation (RPA)

Robotic Process Automation (RPA) is the automation of previously manual, repetitive business processes using software. Individuals trained in RPA design and implement rule-based data processing to speed up and streamline daily business operations.

Individuals will learn to:

- Understand and apply automation delivery methodologies
- Identify opportunities for automation and design and implement data-based rules
- Implement basic project management and change management plans

GED WORKS

Explore the full range of training opportunities available here.