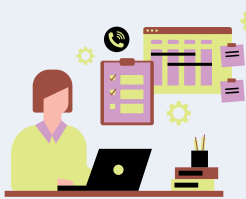


Information System Testing Technicians



Information System Testing Technicians serve in support roles within information technology units across public and private sectors. They test and evaluate the performance of technology deployed in businesses, like software applications, and information and telecom systems. These tests help identify areas with defects or potential improvements, aiming to ensure that technological infrastructure meets organizational needs.

Where do Information System Technicians work?



Government Administration



Insurance and Credit Intermediation



Computer System Design and Related Services



Software Publishers



Management, Scientific and Technical Consulting

What do Information System Technicians do?

Information System Testing Technicians conduct tests on the technology infrastructure of businesses and perform reporting and policy recommendation functions to ensure it functions as intended and identify where improvements can be made. Below are common tasks that Information System Testing Technicians encounter:

- Develop and document software testing plans
- Install software and hardware and configure operating system software in preparation for testing
- Identify, report, track and propose solutions to product defects
- Execute, analyze and document results of software application tests and information and telecommunication systems tests

Career pathways & potential earnings of Information System Technicians

Information System Testing Technicians can progress into senior management and executive roles with adequate experience and knowledge:

Information System Testing Technicians



Testing Technicians earn starting wages of \$26/hr, but wages can scale, with earning going up to \$48/hr with experience and skill.

Information System Specialists



Technicians can transition into Specialist roles with some training and additional certification, and can earn up to \$62/hr.

Computer and Information System Managers



Responsible for the data needs and technical support of a department, computer and IS managers can earn up to \$77/hr.

Information System Testing Technicians can also apply their skills and expertise in other occupations such as the following:

- Information System Analysts and Consultants
- Computer Programmers and Interactive Media Developers
- Web Designers and Developers

How do I become an Information System Technician?

There are some educational, licensing and training requirements to become an Information System Testing Technician. Some requirements may vary by province or company. Below are the most commonly required qualifications to work as an Information System Testing Technician:

- **Minimum Education:** Completion of a college program in computer science, computer programming or network administration.
- **Certification, Licensing and Training:** Employers may require certification or training by software vendors in use of programs.



Important skills to have as an Information System Technician?

Successful deployment of software and networking technology elevates businesses ability to assist their clients, and empower their employees. Information System Testing Technicians must have a strong grasp on software and hardware requirements, and strong observational skills to deploy testing for programs and computer and networking hardware.

Technical Knowledge and Skills

- System Evaluation and Analysis
- Programming
- Computers and Electronics
- Networking Software
- Quality Control Analysis
- Operations Monitoring

Soft Skills

- Inductive and Deductive Reasoning
- Judgement and Decision Making
- Coordination
- Problem Sensitivity
- Written Comprehension and Expression

Future of Information System Technicians in Canada

Information System Testing Technicians provide important services to businesses, and find employment in a variety of sectors. In 2021, more than 9,800 Testing Technicians were employed across Canada's sectors and industries. According to FOCAL's occupational forecasts, there will be more than 30 job openings in Canada's automotive manufacturing sector over the upcoming decade for Information System Testing Technicians, with all openings requiring new workers fill the recruitment gap, allowing for growth opportunities within the the sector.



Learn more about the job market for information system testing technicians, as well as about many other developments and new technologies in Canada's automotive manufacturing by visiting our website futureautolabourforce.ca.

You can also check our social media by following these links:

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