

The Employment Journey

Get ahead of the
career game.

aerospace agriculture aquaculture bioscience business construction culture education energy finance fishery food & beverage food processing
forestry health information technology justice manufacturing public service rec/sport retail technology tourism trades transportation trucking

PEI Information Technology Sector - 2010

Definition:

IT stands for "Information Technology" or "Innovation Technology".

It refers to anything related to computer technology, such as networking, hardware, software, the Internet, or the people who work with these technologies.

There are companies totally dedicated to a form of IT, and as well many companies have IT departments for managing the computers, networks, and other technical areas of their businesses.

Virtually every business has an IT component.

The IT Sector Council Executive Director is Mike Gillis. The Office Manager is Carolyn Prime. website: www.itsc.ca

They released a study called: **PEI Information Technology Labour Force: A Study of Supply and Demand** in October 2008. Some of the following information comes from this study.

Number of people employed on PEI:

- The PEI IT industry has grown significantly in the last 10 years.
- 47% of PEI's IT companies were started between 1999 and 2008.
- About 2,100 people work in the IT field on PEI.
- ITSC estimates the demand for new IT workers to be between 210 and 630 over the next 5 years.
- Current and future employment opportunities are seen as good
- 85% of IT workers work for an employer and 15% are self employed

Demographics

- 61% of PEI's IT workers are 25 to 44 years old
- the median age is 39
- males make up 75% of the labour force - similar to rest of Canada

Education

- 44% have a community college diploma
- 32% have a university degree

Some PEI employers:

Programming and software development

Federal and provincial government

CGI - Stratford - www.cgi.com

DeltaWare - www.deltaware.com

Business Technology Consulting - www.btc.pe.ca

Cogsdale Corporation - www.cogsdale.com

SandCastle Technologies Inc. - www.sandcastletech.com

Timeless Medical Systems - www.timelessmedical.com

DataShapers - www.datashapers.com

SwiftRadius Information Technology Solutions - www.swiftradius.com

MJL Enterprises - www.mjfirst.com

ScreenScape - www.screenscape.net

Mapping

Geonet Technologies Ltd.- www.geonet-tech.com

Computer hardware sales and service

J. White Computer Services - www.peihelp.com

Combat Computers – www.combatcomputers.com

Call Centres

Advantage Communications - www.advantagecall.com

On-Line Support Inc. - www.olsjobs.ca

Millennium Care Inc. - IT support - Summerside Waterfront Mall – www.millenniumcare.com

Virtual Agent Services - Central Bedeque - www.vagent.com

Video game development

Bight Interactive Inc. - www.bightgames.com

Other Ocean Interactive Ltd. - www.otherocean.com

Telos Entertainment Inc. - www.telosentertainment.com

Longtail Studios - www.longtailstudios.com

Sculpin QA - www.sculpinqa.com - video game testing

Another Castle – www.anothercastlestudios.com

Jobs most in demand and average yearly salary:

From www.labourmarketinformation.ca - 2009 wages & salaries

- Information Systems Business Analysts - \$26.45/hr - \$55,016/year
- Quality Assurance Analysts - \$26.45/hr - \$55,016/year
- Computer Programmers - \$24.85/hr - \$51,688/year
- Interactive Media Developers - \$24.85/hr - \$51,688/year
- Web Designers/Developers - \$20.95/hr - \$43,576/year
- Graphic Designers and Illustrators - \$18.80/hr - \$39,104/year
- Computer and Information Systems Manager - \$32.70 - average 2009 wages
- Computer Engineer - wages unavailable
- Software developer - \$24.85 - average 2009 wages
- Technical Service Representative - \$11.90 - average 2009 wages
- IT Project Manager \$20.95 - average 2009 wages

From www.pei.jobfutures.org - 2006 wages

- Database Analysts/ Administrators - \$27,139/year

Where do they work?

- Public administration/government (41.6%)
- Information and cultural industries (11.5%)
- Educational services (9.2%)

Education available on PEI:

UPEI,

- Bachelor of Science with a major or minor in Computer Science & Information Technology (can specialize in video game programming in third and fourth year)
- Bachelor of Business Administration with a minor in IT

Holland College: - all courses are 2 years

- Computer Information Systems
- Business Information Systems Development
- Video Game Art & Design
- Graphic Design
- Interactive Multimedia
- Photography and Digital Imaging
- Journalism
- Fundamental Arts

CompuCollege

- Computer Business Applications
- Computer Service Technician
- Information Systems Administrator
- Information Systems Specialist

Academy of Learning

- Computer Service Technician
- Help Desk Support Analyst
- Network Systems Administrator
- Information Systems Specialist
- various Microsoft Certifications

Skills and interests needed to work in IT:

- good math and English
- good problem-solving skills
- ability to work well independently and with a team
- strong communication skills

For more information, check these websites:

www.labourmarketinformation.ca - Information by province

www.peijoblink.ca - PEI sector job posting

www.pei.jobfutures.org - Search Information Technology for a list of occupations

www.igda.org - International Game Developers Association

www.pmi.org - Project Management Institute

www.itap.ca - Innovation and Technology Association of PEI

www.itsc.ca - Innovation and Technology Sector Council of PEI

www.ictc-ctic.ca - Canadian Information and Communications Technology Council

www.discoverit.org - Canadian careers in IT

www.ictc-ctic.ca - federal Information and Communications Technology Council

www.imapei.com – PEI Interactive Media Alliance