Cloud Computing

Duration | 8 Months (Local Students)
Salary | Average annual salary is $65,000 in Canada
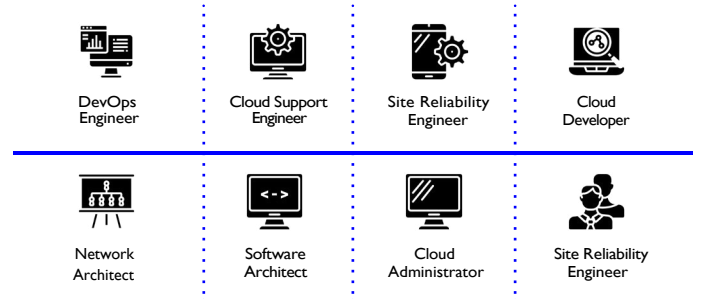
Program Overview

The MCIT Cloud Computing Program aids in your development as a cloud professional. You learn how to plan, design, and scale cloud implementations. Your ability to create and deploy dynamically scalable and dependable applications on Microsoft Azure and AWS will improve as a result of taking our Cloud Computing course.

Cloud professionals assess a business' infrastructure and migrate different functions to a cloud-based system. They basically build and maintain cloud services by leveraging technical skills, business knowledge, and working experience with at least one of the major cloud providers (Amazon Web Services, Microsoft Azure, or Google Cloud Platform). They automate deployment and testing pipelines to enhance the efficiency of teams and deliver software faster.

Course Outline

1| Introduction to Cloud Computing Fundamentals
  - ☑ Cloud Computing: Definition and Key features
  - ☑ Computing Core Concepts
  - ☑ Various Industry Verticals

2| Networking and Operating System for Cloud
  - ☑ Basic to Advanced Cloud Principles
  - ☑ Solutions and Management Tools
  - ☑ Network Security, Governance and Compliance Capabilities
  - ☑ Cost Management and Service Level Agreements

3| Design, Plan, Architect and Configure 3-tier Architecture Solutions on AWS
  - ☑ AWS Development

4| Implement, Deploy, Ensure Successful operations of a 3-tier Web application on AWS
  - ☑ Basic to advanced cloud principles, services, solutions, management tools, and general security

5| Capstone Project 1

6| Implement, Deploy, Ensure Successful Operations of a 3-tier Web application on Microsoft Azure
  - ☑ Azure Development

7| Implementation: AWS | Google | Azure
  - ☑ Overview of the top 3 public clouds

8| Career Development

9| Capstone Project on Cloud Computing

Career Options

| DevOps Engineer | Cloud Support Engineer | Site Reliability Engineer | Cloud Developer |
| Network Architect | Software Architect | Cloud Administrator | Site Reliability Engineer |

Skills you Acquire

- ☑ understand the benefits of cloud computing

- ☑ explore the implementation of the top 3 public clouds: AWS | Google | Azure

- ☑ ensure that systems are safe and secure against cybersecurity threats

- ☑ deploy and maintain the servers, storage, and networking resources required to host applications.

Industry Overview

As per Canada job bank, employment growth in Cloud Architects is projected to be one of the strongest among all occupations. As a result, job creation will represent 47% of all openings, a proportion that is above the average of all occupations (about 27% of openings).

The enormous demand for Cloud Specialists who can assist with the design, development, and support of these systems is being driven by the demand for Cloud Solutions. By choosing a career in the cloud, you will assist companies in modernizing their technology and start a lifetime of learning that will make you highly sought-after for years to come.

Cloud Computing

Duration | 8 Months (Local Students)
Salary | Average annual salary is $80,000 in Canada

Why Choose MCIT?

1 Industry Focus

Our curriculum is solely based on the latest industry trends to make sure you are equipped with the right skillsets.

2 Project Based Learning

Your learning is solidified with a project at the end of the course to make you job ready. This project is implemented under the guidance of your instructor

3 Get trained by Domain Experts

The courses are taught by industry experts who have got years of experience in respective domains. This way you shall be learning key concepts from people who have already solved similar problems

4 State of the Art Infrastructure

Every student gets a dedicated VM (Virtual machine) as they join this program to serve their needs in terms of intense computation, access from anywhere.

5 Strong Alumni Network

You are not alone for you have a 5000-member strong Alumni network as you study at MCIT

6 Learn while you work | Earn while you learn

Learn new skills to take your career to next level while continuing your work due to our flexible schedules.

Financial Aid

1 AFE Loan

Full tuition fee could be covered under AFE loans provided by Quebec Government.

2 Scholarship

On a case-by-case basis, local students can reach out to private bursaries to receive anywhere between $500 CAD - $2000 CAD.

Note: For further information about financial aid, please speak to any of our advisors.

Career Support Services

The Career Center at MCIT is designed to offer students and alumni the opportunity to learn about the Canadian job market and how to sell their skills and experience to successfully find job opportunities. You shall be assisted in learning:

1 Canadian Customs

2 The art of Networking
How to build a professional network

3 Cover Letters Writing

4 CV & Resume Writing

5 Internship Preparation

6 Job Search Checklist
Exploration, Preparation, Implementation

7 LinkedIn Profile

8 Interview Preparation

You'll be Job-ready!

Learning Methodology

Learning Methodology is the central mechanism for learning advancement. It's the core that drives all your expertise and knowledge to attain professional success.

5 ADVANCE

Advance yourself by making optimal use of the time and obtaining demonstratable skills

Develop the confidence in subject matter

Demonstrate job skills

Present skills through projects

6 BUILD FUTURE

With your certificate or diploma in hand, you are now ready to shine in the workforce.

Float your Curriculum Vitae

Connect with Professionals

Learn through practical hands-on projects to build your skills and showcase your portfolio

Engage through flexible schedule. Evening & Weekend classes available

2 ENGAGE

At MCIT, you will engage in hands-on, project-based learning activities designed by our field-experienced instructors

4 BENEFIT

Benefit from intensive programs and flexible scheduling to acheive work life balance

Instructor led Training

Benefit from Mentorship

Peer Learning

1 LEARN

Learn to apply the technical skills demanded by the industry through experimental learning. Be job ready

Learn through practical hands on projects to build your skills and showcase your portfolio

Official Curriculum

Anywhere Labs 24/7

Teachers

Recruiters & Companies

Connect through Alumni

3 CONNECT

With an alumni base of over 5000 grads, students have a large network to connect and operate with