



Cloud Computing

Duration | 10 months

Delivery Methodology | Online / In-class

Program Overview

The MCIT Cloud Computing Program is designed to elevate your expertise as a cloud professional. Through this program, you'll acquire skills in planning, designing, and scaling cloud implementations.

By enrolling in our Cloud Computing course, you'll enhance your proficiency in creating and deploying dynamically scalable, reliable applications on leading cloud platforms such as Microsoft Azure and AWS. This comprehensive learning experience ensures a significant improvement in your ability to navigate the complexities of cloud development.

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
 - Solutions and Network Management
 - Network Security, Governance and Compliance Capabilities
- 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
 - Resume and Cover letter Preparation
 - Interview Preparation
- 9 | Project
 - Practical application of all the above courses

Career Options



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.

Tuition: \$10,000 CAD

Winter session begins on the 9th of February 2024

Talk to an advisor to learn more about our payment plans, financing options, bursaries and tax credits.



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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.

