

# Cloud Architect Level 2

*Beyond the Cloud* is designed to empower you for success in the rapidly evolving IT landscape. This is a 10-week comprehensive program that provides essential technical and soft skills training for in-demand digital infrastructure roles. Please note *Transition to your Cloud Career* and *Agile Industry Mindset (AIM)* workshops run concurrently with Technical and Soft Skills courses during the 10-week period. Please contact your administrator for the schedule. Only Newcomers to Canada are invited to AIM (a newcomer is someone who has immigrated to Canada within the last 5 years).

Course Name		Lessons	Learning Objectives	Level and Time Commitment
Course 1	<b>AWS Cloud Practitioner Essentials</b>	<ul style="list-style-type: none"> <li>AWS cloud concepts</li> </ul>	You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.	<ul style="list-style-type: none"> <li>Beginner level</li> <li>4 hours (approximately)</li> </ul>
Course 2	<b>Architecting on AWS</b>	<ul style="list-style-type: none"> <li>AWS cloud concepts</li> </ul>	AWS Instructors emphasize best practices using the AWS Well-Architected Framework and guide you through the process of designing optimal IT solutions based on real-life scenarios. The modules focus on account security, networking, compute, storage, databases, monitoring, automation, containers, serverless architecture, edge services, and backup and recovery.	<ul style="list-style-type: none"> <li>Intermediate level</li> <li>24 hours (approximately)</li> </ul>
Course 3	<b>Planning and Designing Databases on AWS</b>	<ul style="list-style-type: none"> <li>AWS Databases</li> </ul>	Summarize the AWS Well-Architected Framework for designing database solutions. Choose an appropriate purpose-built database service for a given workload. Design a relational database solution to solve a business problem. Design a NoSQL database solution to solve a business problem. Analyze data from multiple databases to solve a business problem. Discuss the security considerations for your database solution.	<ul style="list-style-type: none"> <li>Intermediate level</li> <li>24 hours (approximately)</li> </ul>
Course 4	<b>Administering Information Protection and Compliance in Microsoft 365</b>	<ul style="list-style-type: none"> <li>Data Security</li> </ul>	Learn how to protect information in your Microsoft 365 deployment. This course focuses on data lifecycle management and information protection and compliance within your organization. The course covers implementation of data loss prevention policies, sensitive information types, sensitivity labels, data retention policies, Microsoft Purview Message Encryption, audit, eDiscovery, and insider risk among other related topics. The course helps learners prepare for the Microsoft Information Protection Administrator exam (SC-400).	<ul style="list-style-type: none"> <li>Intermediate level</li> <li>18 hours (approximately)</li> </ul>
			TOTAL HOURS	<ul style="list-style-type: none"> <li>70 hours (approximately)</li> </ul>