

# Cloud Engineer 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 Platform	Learning Objectives	Level and Time Commitment
Course 1	<b>Microsoft Azure Fundamentals</b>	<ul style="list-style-type: none"> <li>• Azure Fundamentals</li> </ul>	Microsoft Learn	This course will provide foundational level knowledge on cloud concepts; core Azure services; and Azure management and governance features and tools. This course will also help prepare someone for the AZ-900 exam.	<ul style="list-style-type: none"> <li>• Beginner level</li> <li>• 7 hours (approximately)</li> </ul>
Course 2	<b>AWS Cloud Practitioner Essentials</b>	<ul style="list-style-type: none"> <li>• AWS cloud concepts</li> </ul>	AWS Skill Builder	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>• 7 hours (approximately)</li> </ul>
Course 3	<b>Designing Microsoft Azure Infrastructure Solutions</b>	<ul style="list-style-type: none"> <li>• Azure infrastructure</li> <li>• VMs</li> <li>• Azure storage</li> </ul>	Microsoft Learn	This course teaches Azure Solution Architects how to design infrastructure solutions. Course topics cover governance, compute, application architecture, storage, data integration, authentication, networks, business continuity, and migrations. The course combines lecture with case studies to demonstrate basic architect design principles. This course will also help prepare someone for the AZ-305 exam.	<ul style="list-style-type: none"> <li>• Advanced level</li> <li>• 30 hours (approximately)</li> </ul>
Course 4	<b>Running Containers on Amazon Elastic Kubernetes Service</b>	<ul style="list-style-type: none"> <li>• Kubernetes</li> <li>• Amazon EKS</li> <li>• Amazon ECR</li> </ul>	AWS Skill Builder	Learn about the basics of Docker containers, container orchestration with Kubernetes, and managed clusters on Azure Kubernetes Service.	<ul style="list-style-type: none"> <li>• Intermediate level</li> <li>• 24 hours (approximately)</li> </ul>
				TOTAL HOURS	68 hours (approximately)



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