

Cloud Administrator 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 AWS Cloud Practitioner Essentials	<ul style="list-style-type: none"> • AWS cloud concepts 	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"> • Beginner level • 7 hours (approximately)
Course 2 Cloud Operations on AWS	<ul style="list-style-type: none"> • Cloud Operations 	AWS Skill Builder	This course teaches cloud operators and anyone performing systems operations functions how to manage and operate automatable and repeatable deployments of networks and systems on AWS. You will learn about cloud operations functions such as installing, configuring, automating, monitoring, securing, maintaining, and troubleshooting these services, networks, and systems. The course also covers specific AWS features, tools, and best practices related to these functions.	<ul style="list-style-type: none"> • Intermediate level • 24 hours (approximately)
Course 3 Running Containers on Amazon Elastic Kubernetes Service	<ul style="list-style-type: none"> • Kubernetes • Amazon EKS • Amazon ECR 	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"> • Intermediate level • 24 hours (approximately)
Course 4 Microsoft Azure Data Fundamentals	<ul style="list-style-type: none"> • Data Security 	Microsoft Learn	In this course, students will gain foundational knowledge of core data concepts and related Microsoft Azure data services. Students will learn about core data concepts such as relational, non-relational, big data, and analytics, and build their foundational knowledge of cloud data services within Microsoft Azure. Students will explore fundamental relational data concepts and relational database services in Azure. They will explore Azure storage for non-relational data and the fundamentals of Azure Cosmos DB. Students will learn about large-scale data warehousing, real-time analytics, and data visualization. This course will also help prepare someone for the DP-900 exam.	<ul style="list-style-type: none"> • Beginner level • 7 hours (approximately)
TOTAL HOURS				62 hours (approximately)