

Cloud Engineer Level 1

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.

	Course Name	Lessons	Learning Platform	Learning Objectives	Level and Time Commitment
Course 1	Microsoft Azure Fundamentals	<ul style="list-style-type: none"> Azure Fundamentals 	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"> Beginner level 7 hours (approximately)
Course 2	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 3	AWS Cloud Technical Essentials	<ul style="list-style-type: none"> AWS cloud concepts 	AWS Skill Builder	The course covers the fundamental AWS concepts related to compute, database, storage, networking, monitoring, and security. You will start working in AWS through hands-on course experiences covering the concepts necessary to increase your understanding of AWS services, so that you can make informed decisions about solutions that meet business requirements. Throughout the course, you will gain information on how to build, compare, and apply highly available, fault tolerant, scalable, and cost-effective cloud solutions.	<ul style="list-style-type: none"> Beginner level 24 hours (approximately)
Course 4	Introduction to Structured Query Language (SQL)	<ul style="list-style-type: none"> SQL 	Coursera	Learn about the basic syntax of the SQL language, as well as database design with multiple tables, foreign keys, and the JOIN operation. Learn to model many-to-many relationships like those needed to represent users, roles, and courses.	<ul style="list-style-type: none"> Intermediate level 15 hours (approximately)
Course 5	Configuring and Operating Microsoft Azure Virtual Desktop	<ul style="list-style-type: none"> Azure Virtual Desktop 	Microsoft Learn	This course teaches Azure administrators how to plan, deliver, and manage virtual desktop experiences and remote apps, for any device, on Azure. Lessons include implementing and managing networking for Azure Virtual Desktop, configuring host pools and session hosts, creating session host images, implementing, and managing FSLogix, monitoring Azure Virtual Desktop performance and health, and automating Azure Virtual Desktop management tasks. This course will also help prepare someone for the AZ-140 exam.	<ul style="list-style-type: none"> Intermediate level 14 hours (approximately)
				TOTAL HOURS	67 hours (approximately)