

# Cloud Engineer

## Program Length

52 weeks

## Program Objectives

NetSoft's Cloud Engineer Program trains students in AWS, Microsoft Azure, Google Cloud, Python, Docker, Kubernetes, Terraform and DevOps products. It enables students to gain the proficiency needed to harness the power of these products and other cloud and DevOps tools.

## Duration and Schedule

The program consists of 20 hours per week for 52 weeks.

## Grading System

Students who successfully complete the program and pass the final exam will receive a diploma approved by the Ministry of Training, Colleges and Universities. The diploma will be awarded based on the following criteria:

- 1 The student must pass the course with a minimum grade of 60 per cent and meet all standards related to contact hours.
- 2 The student must maintain a satisfactory attendance rate of at least 80 per cent.
- 3 The student must not have any outstanding fees.

## Courses

#	Title of Course	Hours
1.	AWS Certified SysOps Administrator - Associate	88
2.	AWS Certified Advanced Networking - Specialty	88
3.	AWS Certified Security - Specialty	88
4.	Microsoft Certified: Azure Solutions Architect Expert (AZ-303)	88
5.	Microsoft Certified: Azure Solutions Architect Expert (AZ-304)	88
6.	Microsoft Certified: Azure Network Engineer Associate	44
7.	Microsoft Certified: Azure Security Engineer Associate	44
8.	Google Cloud Certified Associate Cloud Engineer	88
9.	Google Cloud Certified Professional Cloud Architect	88
10.	Python Programming	88
11.	Docker Certified Associate	44
12.	Certified Kubernetes Administrator	44
13.	DevOps Tools (Git, Jenkins, Puppet and Maven)	136
14.	HashiCorp Certified: Terraform Associate	44

## Program Highlights:

- Preparation for certifications
- Practice tests (where applicable)
- Job search assistance
- Career services



# Career Path and Certifications

## Certification Preparation

Employers set hiring benchmarks based on industry and vendor certifications. Job candidates who hold certifications easily surpass those who do not. NetSoft's Cloud Engineer Program gives students a competitive edge and thoroughly prepares them for the following certification exams:



**NOC Code: 2281**

## Career Opportunities

This industry-leading program qualifies graduates for careers as Cloud Engineers, Cloud Architects, DevOps Engineers, System Administrators, System Support Analysts, Infrastructure Analysts, System Support Engineers, Network Support Analysts, Network Administrators and Infrastructure Consultants — to name a few.

## Employers of Our Alumni

- Air Canada
- BMO
- Canadian Tire
- CIBC
- City of Toronto
- CompuCom
- Four Seasons
- HCL
- Holiday Inn
- IBM Canada
- Loblaws
- Manulife
- Maple Leaf Foods
- Ministry of Health
- Pan Am Games
- Pearson Airport
- RBC
- Rogers
- Scotiabank
- Softchoice
- TD Bank
- TELUS

## Salary Information

Average wage (\$/hr): \$31.25  
High wage (\$/hr): \$49.45  
Source: [www.jobbank.gc.ca](http://www.jobbank.gc.ca)  
Date: 18 Aug, 2021

## Admission Requirements

- 1 Ontario Secondary School Diploma or mature student status (18 years of age, academic achievement assessment passed)
- 2 At least one year of experience in the IT industry (a letter from an employer is required at the time of admission) OR any of the following certifications: A+, MCP, MCSA, MCSE, CCNA or CCNP

### Entry Level

0–2 Years of Experience

Some graduates may begin as:

- Junior Cloud Administrator
- Junior Cloud Engineer
- Junior DevOps Engineer
- Support Analyst

### Mid-Level

3–5 Years of Experience

Some graduates may progress to:

- Cloud Engineer
- DevOps Engineer
- System Support Analyst
- System Support Engineer

### Advanced Level

5+ Years of Experience

Some graduates may progress to:

- Cloud Architect
- Consultant
- Senior Cloud Administrator
- Senior DevOps Engineer

**Note:** In order to improve our programs continuously, NetSoft reserves the right to modify them at any time. The order of program delivery depends on the program start date. For certifications, please refer to the vendor site to get the latest information about exam numbers, statuses and prerequisites. All trademarks mentioned in this document or website are the property of their respective owners.