

Career readiness with Google Cloud

Preparing students for a cloud-first world

Organizations are investing heavily in cloud services to enable digital transformation¹. However, almost 70 percent of IT leaders report that hiring was somewhat or extremely difficult in 2019 and that finding qualified cloud computing talent was a top challenge².

Higher education institutions play a key role in enabling organizations to close the talent gap. Students have an immense opportunity to launch their careers in the cloud.

Cloud Computing Foundations Curriculum

The Google Cloud Computing Foundations curriculum introduces students to the breadth of cloud technology with concepts, hands-on labs, assessments, and a capstone project on topics ranging from cloud infrastructure, application development, big data, and machine learning.

Career Readiness Program

The [Google Cloud career readiness program](#) enables students of all backgrounds the ability to prepare for cloud careers through industry-recognized training, skill badges, and certification. Students can build deep expertise in business and technical domains related to cloud infrastructure, application development, big data, and machine learning.

The Google Cloud career readiness program offers the following tracks:

- **Associate Cloud Engineer track:** This track is ideal for students aspiring to launch careers in engineering and management roles related to cloud infrastructure, cloud-native application development, and data engineering.
- **Data Analyst track:** This track is ideal for students keen on pursuing careers in data analytics, business intelligence, and management.

¹ Gartner, [Cloud Shift Impacts All IT Markets](#), January 2019

² Global Knowledge, [2019 Global IT Skills and Salary Report](#), March 2019

In the press



“We have seen first hand the incredible progress that’s possible when companies and countries embrace a cloud-first future. We’re working with higher education institutions and customers to train cloud-native engineers at an aggressive rate and broadening access to training and certification to help groom a pool of cloud-ready talent to help Indian businesses grow and scale with the cloud,” said Harshman (Rick Harshman, managing director of Google Cloud in the Asia Pacific).

Google Cloud’s [career readiness program](#) has been designed to provide students with training, mentorship and certification to launch their careers with companies seeking cloud talent.

The company has also launched the [Google Cloud Computing Foundations Course](#) on the National Programme on Technology Enhanced Learning (NPTEL) platform. The eight-week course aims to impart knowledge and hands-on training around cloud infrastructure, big data, and machine learning to students with little to no background or experience in cloud computing.”

[Analytics India Magazine](#)



“UTP is the first university in Latin America to be part of the Google Cloud career readiness program

The [# UniversidadTecnológica del Perú \(UTP\)](#) and Google signed an agreement that will allow university students to access the Google Cloud career readiness program, which will prepare students to obtain the certification as Associate Cloud Engineer, of great value in the labor market.”

[Enterese.net](#)



“University of Technology, Malaysia: Utm And Air Asia Jointly Organised Google Cloud Study Jams

A Google Cloud Study Jam was held on Thursday, 26th September 2019 at Menara Razak, Universiti Teknologi Malaysia (UTM) Kuala Lumpur. This study jam was organised by the Razak Faculty of Technology and Informatics, UTM Kuala Lumpur in collaboration with AirAsia Bhd. and Google.

A total of 105 undergraduate and postgraduate students participated in the event in which 36 were students from the School of Computing, UTM Skudai. Due to high attendance from students and interactive hands-on sessions, the event was divided into morning and afternoon sessions. Two experts from Google visited UTM KL to run this event.”

[University of Technology, Malaysia](#)

Student successes

Videos



[Raehan Khan - A career readiness story](#)



[Why the Google Cloud career readiness Study Jam is so valuable](#)

Blog Posts



[Snehha, the first woman to get ACE certified](#)



[Rohan Singh lands a job as DevOps intern](#)

Google Cloud