

Course Roadmap

Students will learn internet elements, the difference between server-client and self-contained offline applications, encryption, how websites work, how companies run their business, and much more!

MODULE
01

History of the cloud

How computers work	Computer hardware
IT Industry	Computer software
Network and VPN	IT terminology
IT infrastructure	Operating systems
IT job roles	Virtualization

MODULE
02

IT and the internet

Localhost	DNS basics
Web applications	Internet security basics
Web servers	HTTP and HTTPS
Website anatomy	Rendering a website
Web app architectures	Loading a website

MODULE
03

Welcome to the cloud

Why cloud	Cloud consulting
Cloud components	Datacenter migration
Understanding APIs	Variable cost model
Benefits of AWS	Implement elasticity
Job roles	Amazon S3