

CERTIFICATE IN CLOUD SOLUTIONS ARCHITECTURE (NFQ LEVEL 8)

STARTING JANUARY 2019

NOV 2018

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15 Credits

Who is this course for?

With the migration IT infrastructure of major companies to the Cloud there is a requirement of IT professionals to have detailed knowledge of how to use the cloud. Companies and organisations need their IT professionals to be public cloud savvy and skilled to benefit from cloud based opportunities.

This programme aims to up-skill those with experience, qualifications and knowledge of IT systems so that they can access roles requiring up to date public cloud architecting knowledge. Candidates should have knowledge across the range of basic software, scripting, web, networking, operating systems and databases. This programme is useful to all candidates who wish to upskills. A minimum of a major award in IT at Level 6 would be required to participate in the programme along with the knowledge outlined above.

This programme will develop in students the ability to architect public cloud infrastructures for the provision of enterprise IT infrastructure using industry standard technologies.

Course Timetable

The course runs 1 to 2 evening a week

Entry Requirements

Previous knowledge of IT systems administration and networking is essential. Experienced candidates with all levels of IT Qualification will find this programme useful. The minimum level of qualification is a major award in IT at Level 6 allied to knowledge of the range of basic software, scripting, web, networking, operating systems and databases. Some prior experience of using public cloud architecture would be useful.

Who can apply

This course is open to all eligible students
And this course is open to Springboard applicants.

Course Summary

On successful completion of this award you will be able to:

Define a solution using architectural design principles based on customer requirements.

Provide implementation guidance based on best practices to the organization throughout the life cycle of the project.

During this programme you will gain: Hands-on experience using compute, networking, storage, and database AWS services. Experience with AWS deployment and management services. The ability to identify which AWS services meet a given technical requirement. Knowledge of recommended best practices for building secure and reliable applications on the AWS platform. An understanding of the basic architectural principles of building on the AWS Cloud. An understanding of security features and tools that AWS provides and how they relate to traditional services

Students will gain knowledge of a selection of public cloud services available from the major public cloud vendors. An in depth analysis of the AWS public cloud architecture is given.

Career Opportunities

The Cloud Architect is one of the most sought after qualifications in the ICT Skills marketplace right now. As more and more organisations come to use and depend on public cloud systems to deliver their IT infrastructure the skills needed for architecting public cloud solutions have become an essential component of an IT Professional's resume

How to Apply

Students who are eligible to apply through Springboard

Please apply through www.springboardcourses.ie

Please Note for Employed Applicants through Springboard

You will be required to pay a 10% of the course fee €122.50. This payment will be due prior to commencing the course.

KEY DATES

Induction	22 nd Jan 2019
CLASSES BEGIN	23 rd Jan 2019
CLASSES FINISH	End April 2019
EXAMS	May 2019
RESULTS	June 2019
Semester 2	Sept 2019
Exams Semester 2	Jan 2020

For further information - course specific enquiries

Please Contact: barry.feeney@it-tallaght.ie

For queries on the application process

Please contact LLL@it-tallaght.ie or phone the Lifelong Learning Team @ 01-4042101