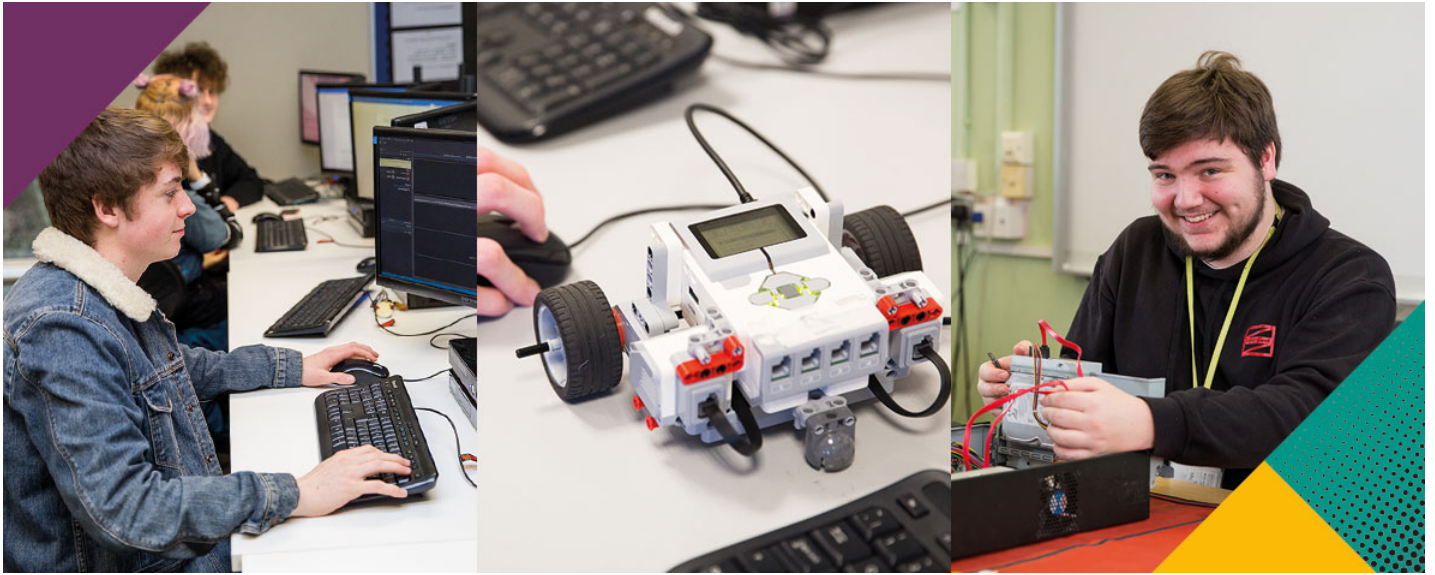


Virtual Online - AWS Cloud & Architect Professional Programme



In a nutshell

A Personal Learning Account is a new initiative from the Welsh Government. It is a free and flexible way to learn. The initiative will offer people the chance to access free, part-time courses that offer flexible and convenient learning around their existing lifestyle.

This is the dawn of the cloud era and the demand for people who can implement and manage cloud solutions will only grow from here. With such a high demand in this sector, and with excellent career growth opportunities, now is the time to train and get qualified to enter this sector as a professional.

This course is for...

...anyone over 19, living in Wales, in employment and earning less than £26,000 a year.

...taking the next step in your career in the IT sector.

...anyone aspiring to work in IT, University graduates and IT Professionals.

Apply online at www.colegwent.ac.uk

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COURSE INFORMATION LEAFLET

Course content

AWS Cloud Practitioner

Cloud Concepts Introduction
AWS terminology and concepts
Foundational services: Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS) AWS Core Services
Database services: Amazon DynamoDB and Amazon Relational Database Service (RDS)
AWS Architecting, and more!

AWS Solutions Architect Associate

AWS fundamentals
AWS core services
Design and implement Cloud Network
Making your Cloud highly available
Making your Cloud scalable
Automating your Cloud services
AWS costing
Micro-services
Media file encoding services
AWS best practices
Securing AWS services
AWS recovery planning
Monitoring AWS performance
Troubleshooting AWS

AWS Solutions Architect Professional

Apply the AWS Well-Architected Framework
Manage multiple AWS accounts for your organization
Connect an on-premises data center to the AWS Cloud
Discuss billing implications of connecting multi-region VPCs
Move large data from an on-premises data center to AWS
Design large data stores for the AWS Cloud
Understand different architectural designs for scaling a large website
Protect your infrastructure from distributed denial of service (DDOS) attacks

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COURSE INFORMATION LEAFLET

There will be a AWS Cloud Practitioner exam, AWS Solutions Architect exam and AWS Solutions Architect Professional exam.

Entry Requirements

There are no formal requirements but it would be advantageous to:

- Have a basic or intermediate understanding of computing and networks
- Be a fast learner
- Be hardworking
- Be committed to succeed

Additional information

This course is for one year.

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