



CLOUD COMPUTING · 5 DAYS

Azure Fundamentals

The foundational Azure skills employers screen for

www.reskillwales.co.uk





01 · COURSE OVERVIEW

Wales is cloud-first

Most organisations in Wales now run cloud-first. This five-day course builds the core Azure skills employers screen for — virtual machines, networking, security and identity — from first principles to a full infrastructure-as-code deployment.

QUESTIONS ABOUT THE COURSE?

01656 737349 · hello@reskillwales.co.uk





02 · COURSE FORMAT

How the week works



MORNINGS · TAUGHT SESSIONS

Concepts, architecture and live demonstrations led by an Azure practitioner.



AFTERNOONS · HANDS-ON LABS

You build something real in your own Azure environment, every single day.



DAY 01 · FOUNDATIONS

Cloud Concepts

CONCEPTS

What cloud computing actually is

MODELS

IaaS, PaaS and SaaS compared

GLOBAL

Azure regions & availability zones

PORTAL

Resource groups & subscriptions

LAB

Deploy your first Azure resource





DAY 02 · COMPUTE

Virtual Machines

MACHINES

Creating and configuring VMs

SIZING

VM sizes and pricing tiers

PLATFORM

App Service and Azure Functions

SCALE

Containers, ACI and load balancing

LAB

Deploy a web app on App Service





DAY 03 · INFRASTRUCTURE

Networking & Storage

NETWORKS

Virtual networks and subnets

SECURITY

Network security groups and DNS

STORAGE

Storage accounts and blob storage

DELIVERY

Azure Files, Disk Storage, CDNs

LAB

Build a secure virtual network





DAY 04 · TRUST

Identity & Security

IDENTITY

Azure Active Directory (Entra ID)

ACCESS

Users, groups, roles and RBAC

PROTECTION

Multi-factor authentication

SECRETS

Key Vault and Defender for Cloud

LAB

Configure identity and access





DAY 05 · CONTROL

Deploy & Govern

AUTOMATION

ARM templates and Bicep

INSIGHT

Azure Monitor and alerts

COST

Budgets, tagging and analysis

GOVERNANCE

Azure Policy and compliance

CAPSTONE

Deploy infrastructure-as-code





03 · ON THE DAY

A typical training day

9:00 – 10:45 am Taught session

10:45 – 11:00 am *Morning break*

11:00 am – 12:30 pm Taught session

12:30 – 1:00 pm *Lunch break*

1:00 – 3:30 pm Hands-on lab





04 · WHAT TO PREPARE

What to bring along

1

PLEASE BRING

A pen, a notepad and a laptop for the afternoon labs.

2

LUNCH

Please bring along your own lunch.



05 · WHERE TO FIND US

Find us on the map

Training is delivered at Llynfi Enterprise Centre. We are inside the Main Entrance — get in touch if you need any help finding us.

CALL US

01656 737349

EMAIL US

hello@reskillwales.co.uk





SEE YOU ON DAY ONE

Thank you

for choosing Reskill Wales

www.reskillwales.co.uk

01656 737349 · hello@reskillwales.co.uk

