

NILC Microsoft Certified: Azure AI Fundamentals



In a nutshell

This course introduces fundamental concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions. The course is not designed to teach students to become professional data scientists or software developers, but rather to build awareness of common AI workloads and the ability to identify Azure services to support them.

This course is available as part of a Personal Learning Account (PLA). PLA is an initiative from the Welsh Government which offers people the chance to access free, part-time courses with flexible and convenient learning that fits around their existing lifestyle (subject to eligibility).

This course is for...

...anyone over 19, living in Wales and in employment. The usual salary limit of £32,371 does not apply for this course.

...anyone who wants to demonstrate foundational knowledge of machine learning (ML) and artificial intelligence (AI) concepts and related Microsoft Azure services



COURSE INFORMATION LEAFLET

... anyone looking to start their learning for a career in Azure administration, development, solutions architect.

Course content

This course is delivered by virtual classroom. Virtual classrooms are equivalent to face-to-face classroom courses, but delivered in an online environment.

Course Duration: 1 day

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The hands-on exercises in the course are based on Learn modules, and students are encouraged to use the content on Learn as reference materials to reinforce what they learn in the class and to explore topics in more depth.

After completing this course, you will be able to:

- Describe Artificial Intelligence workloads and considerations
- Describe fundamental principles of machine learning on Azure
- Describe features of computer vision workloads on Azure
- Describe features of Natural Language Processing (NLP) workloads on Azure
- Describe features of conversational AI workloads on Azure

Entry Requirements

This course has no formal prerequisites. It is designed for individuals who want to demonstrate foundational knowledge of machine learning (ML) and artificial intelligence (AI) concepts and related Microsoft Azure services.

Additional information

The PLA programme intends to provide quality career advice and guidance to participants before, during and after their learning.

Apply online at www.coleggwent.ac.uk

studentrecruitment@coleggwent.ac.uk | 01495 333777 (Croesawn alwadau yn Gymraeg)





COURSE INFORMATION LEAFLET

Prior to being enrolled onto your PLA funded course, a individual learning plan will be discussed with you to ensure that the right learning has been considered.

This will include a general discussion on the following topics:

- formal education or qualifications in related fields
- prior experience within the industry or field
- career aspirations
- dedication of time required
- access to internet, windows computer and webcam/microphone

This will also include specific discussion on the below areas for this course:

- any prior experience with cloud computing
- usage of any cloud platforms such as AWS, Google Cloud, or Azure
- interest in pursuing additional Azure qualifications