TQUK Certificate in AI Programming with Python (RQF)

Course Level: Level 3

Campus: Newcastle

Subject Type: Accounting, Business, Esports, Computing & Travel

Course Overview:

This qualification is designed to supercharge your skills and power the countries digital infrastructure forwards as it equips learners with knowledge and skills for Artificial Intelligence (AI) programming specifically with Python. Learners will cover key areas such as: basic python functions, writing scripts, libraries used within python, version control using GITHUB and neural networks which will entail linear algebra and calculus.

What's Covered:

This qualification also aims to support and drive forward Government and Combined Authorities skill gap strategies for digital skills as this qualification encourages individuals to enter a growing sector.

The AI and Python qualification holds a high status within the industry meaning that upon completion, learners will have entry into the programming sector and can path the way for the future of artificial intelligence and software technologies. The qualification provides an alternative to the traditional academic University route. Innovation is at the heart of this qualification and is why it meets the need of any employers as they require qualifications and experience within programming.

While this qualification isn't your traditional university education, it's a new and innovative way of learning. The knowledge, skills and behaviours instilled in learners taking this qualification will give them the opportunity to spark the start of their career in the programming industry. Applying knowledge and skills to real life situations allows learners to adapt their behaviours and perform in a way that can be self-paced in a hands-on environment.

Entry Requirements:

There are no specific entry requirements however learners should have a minimum of level two in literacy and numeracy or equivalent.

The recommended minimum age for this qualification is 18 years and above.

Assessment Information:

The qualification is assessed by internally set and marked assessments subject to external quality assurance.

Fees and Financial Support:

If you are 19-23, it is your first Level 3, and are studying an SFA approved Level 3 programme you may be eligible for full fee remission.

You can apply for an Advanced Learner Loan or Higher Education Loan to help with the costs of your course if you are 19 or older and the course you are studying is an eligible Level 3, 4, 5 or 6 course. If you have any queries with regards to the funding of your course, please contact Charlotte Robertson on 01782 254141 or email charlotte.robertson@nscg.ac.uk

Progression:

Successful learners can apply for job roles such as:

- Data and AI Consultant
- AI Developer
- AI Engineer
- Data science
- Software Developer

What else do I need to know?

The course is designed to be delivered over a term with one evening per week. There is opportunity for online learning to compliment so laptop/tablet and internet connectivity essential.

How do I find out more?

For further information, please email michelle.warburton@nscg.ac.uk