OTHM Level 7
Diploma in Artificial Intelligence

Qualification Number: 610/4802/1

Course Overview

The objective of the OTHM Level 7 Diploma in Artificial Intelligence is to equip learners with an in-depth understanding of contemporary Artificial Intelligence (AI) methodologies, practices, and the evolving technological landscape. This qualification aims to explore both the theoretical underpinnings and practical applications of AI, providing learners with the expertise to engage in discussions, research, and the development of AI systems across various domains.

Learners will gain comprehensive insights into foundational AI concepts, including classical symbolic and statistical methods, and will delve into advanced topics such as deep learning, neural networks, intelligent agents, ethics, fairness, and AI's role in sustainable development.
By understanding the impact of AI on various sectors, including its integration in achieving sustainability goals, learners will be well-prepared to tackle real-world challenges using AI-driven solutions.

The qualification offers mandatory units that focus on the core aspects of AI, ensuring a holistic learning experience. The curriculum spans a wide range of topics, including the introduction to AI, deep learning, ethical considerations, AI's application in sustainability, and the development of intelligent agents. The goal is to foster a deep awareness of AI's potential, its ethical and societal implications, and its use in modern problem-solving scenarios.

Upon successful completion of this qualification, learners will possess the knowledge and skills required to work in roles related to AI research, development, and implementation. They will be equipped to pursue further studies or professional roles in sectors such as technology, healthcare, finance, sustainability, and public policy, contributing to the ongoing evolution of AI in society.

Modules

The OTHM Level 7 Diploma in Artificial Intelligence consists of 6 mandatory units for a combined total of 120 credits, for the completed qualification.

Mandatory units

- Introduction to Artificial Intelligence
- Ethics, Fairness and Explanation in Artificial Intelligence
- Artificial Intelligence and Sustainability
- Deep Learning
- Intelligent Agents
- Research Methods

Modules

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Entry Requirements

For entry onto the OTHM Level 7 Diploma in Artificial Intelligence qualification, learners must possess:

- An honours degree in related subject or UK level 6 diploma or an equivalent overseas qualification
- Mature learners with management experience
- Learner must be 21 years or older at the beginning of the course
- UK Versity will determine the language proficiency in English is not your native language
- Understanding of Object Oriented Programming (OOP).
- Ability to program in Python.
- Understanding of two or more of the following mathematical and scientific Python libraries: 'numpy', 'pandas', 'scipy', and 'matplotlib'.
- Access to a stable internet connection.

Assessment and Verification

All units within this qualification are internally assessed via assignments and externally verified by awarding organisation.
There are no examinations in this course.

Course Material

Course material, including presentations; handouts, assignment briefs and e-books are made available to enrolled learners. In addition to this, the learners also get the course handbook and tutorial via emails to support the learning.

Online learning

The learner sets the pace for learning and the courses are offered across an academic year basis. Although our tutors encourage the earners to make progress monthly, but this approach is flexible.

Progressions

Learners may progress to:
• employment or have increased opportunities for progression in their current role
• the master's degree top-up programme leading to MSc in Applied computing or Artificial intelligence offered by some universities.

Fees £2500* + VAT

The fee includes registration, assessment, teaching and certification. There is no other hidden cost.
Short visitor visa classroom based fees: £4500

Key Facts

• Awarding Body: OTHM Qualifications
• Course Duration: 6-9 Months
• Method of study: Blended Learning / Full or Part Time / Distance Learning
• Qualification Level: 7

Disclaimer

We do everything we can to ensure that information on our website is correct. However, details may change, and we cannot accept responsibility for errors or omissions. For more detailed information about the course visit
https://othm.org.uk/qualification/othm-level-7-diploma-in-artificial-intelligence

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