

# AI+ Robotics

**Category:** AI/ML | **Vendor:** AI Certs

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

<b>Language:</b>	English
<b>Delivery Format:</b>	Instructor Led - Online
<b>Certification:</b>	AI+ Robotics
<b>Related Exam:</b>	AI+ Robotics

## Course Overview

The AI+ Robotics course program provides a transformative journey into the dynamic intersection of Artificial Intelligence (AI) and Robotics. This comprehensive course begins with foundational concepts, exploring the history and evolution of robotics, and introducing AI's role in enhancing robotic capabilities. Participants will delve into machine learning, deep learning, and the role of neural networks in robotics, gaining a robust understanding of both AI and robotics mechanics.

The curriculum includes hands-on activities and real-world case studies, enabling participants to build practical skills. Modules cover autonomous systems, intelligent agents, and key development platforms like ROS (Robot Operating System). The course also emphasizes ethical considerations, safety standards, and policy frameworks, ensuring responsible AI and robotics integration. By the end of the program, participants will be well-equipped with theoretical knowledge and practical expertise to lead innovation in the ever-evolving AI and robotics landscape.

## About This Course

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## **Who Should Attend**

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Network Administrator

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

## Course Objectives

- Gain a foundational understanding of robotics, including its history, evolution, and the role of AI in robotics.
- Explore and implement deep learning algorithms and reinforcement learning techniques in robotics applications.
- Develop practical skills through hands-on sessions and real-world case studies, focusing on autonomous systems and intelligent agents.
- Understand and apply ethical considerations, safety standards, and policy frameworks in AI-driven robotics.
- Stay updated on emerging trends and technologies shaping the future of AI and robotics.

## ▣ Certification Path

AI+ Robotics

Exam: AI+ Robotics

## Additional Course Details

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Step into the future of technology with industry-recognised certifications from AI Certs covering the full organisations AI certification requirements. Whether you're starting your journey or advancing your career, our expert-led training programs give you the skills to design, build, and manage AI solutions using leading platforms and technologies. Gain real-world knowledge, and the confidence to drive innovation in any industry.

# Frequently Asked Questions

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## **Q: What delivery options are available for AI+ Robotics?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: What certification does this course prepare me for?**

The AI+ Robotics course helps prepare you for the AI+ Robotics certification path.

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## **Q: Which exam does this course prepare me for?**

This course prepares you for the AI+ Robotics official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

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## **Q: How many CPD hours does this course provide?**

The 5-day AI+ Robotics course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the AI+ Robotics training?**

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for AI+ Robotics?**

Yes, we provide corporate training, dedicated training, and closed classes for AI+ Robotics. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for AI+ Robotics?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AI+ Robotics training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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