

# **Intelligent Systems and Smart Construction**

# **Venue Information**

Venue: London UK

Place:

**Start Date:** 2025-10-20 **End Date:** 2025-10-24

### **Course Details**

Net Fee: £4750.00 Duration: 1 Week

Category ID: CACETC

Course Code: CACETC-73

# **Syllabus**

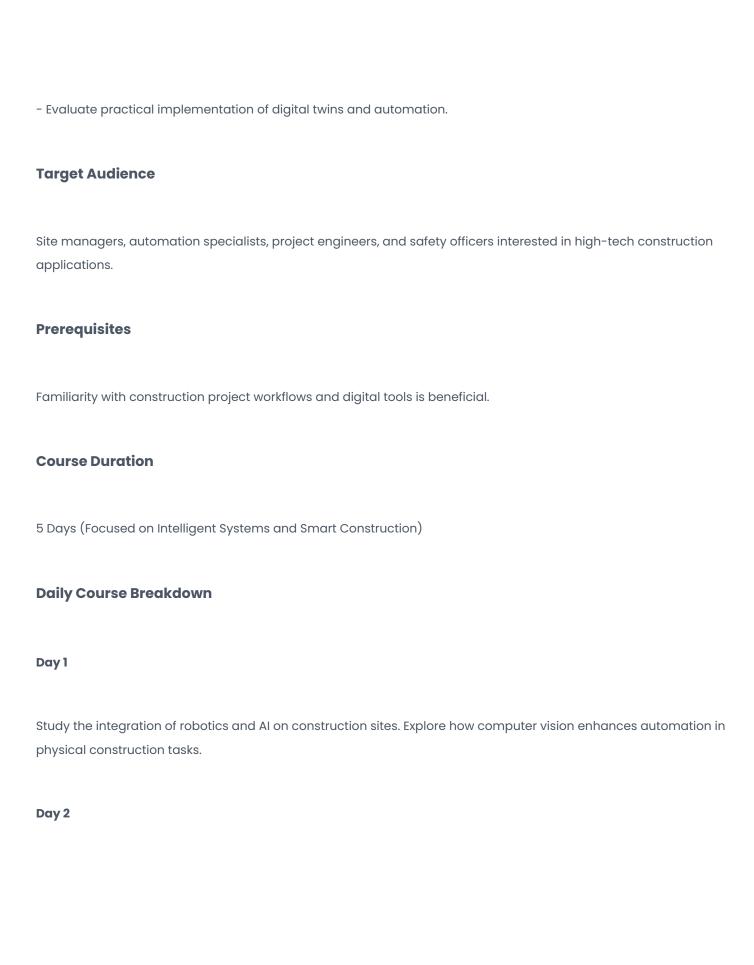
#### **Course Overview**

This course focuses on the integration of intelligent systems in construction, including robotics, IoT, drones, and smart devices. Participants will gain insights into cutting-edge AI technologies that are redefining project execution and monitoring.

# **Learning Objectives**

- Understand how AI is embedded into hardware systems and site operations.

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# Day 3

Understand how predictive maintenance is powered by AI, and how intelligent scheduling systems are optimizing resource allocation.

# Day 4

Explore safety and quality control enhancements using AI tools. Discover how digital twin technology provides continuous project visibility.

# Day 5

Analyze the fusion of AI with Building Information Modeling (BIM) and Geographic Information Systems (GIS), and learn the key challenges of deploying such integrations

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