

**OPERATIONS & SUPPLY CHAIN | COURSE BROCHURE**

# Warehouse Automation and Robotics

5 days | Classroom training | English

**SMART HORIZON**

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London W2 6BD, United Kingdom

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https://smarthorizon.uk



# Course content

## Why attend

Labour shortages and e-commerce growth are accelerating investment in warehouse automation. This course explains automation technologies, including conveyors, sortation, automated storage and retrieval, autonomous mobile robots and robotic picking, along with warehouse management and control systems, business case development and implementation.

Automation can transform warehouse productivity, but wrong choices are expensive. This course helps you evaluate options objectively.

## Professional Problems This Course Is Designed to Solve

• Difficulty translating subject knowledge into practical workplace decisions.
• Inconsistent approaches to the activities covered in the course outline.
• Lack of a structured plan for applying and reviewing new skills.

## Course methodology

The course uses technology overviews, video case studies, business case exercises and implementation planning.

## Course objectives

By the end of this course, participants will be able to:
• Understand warehouse automation technologies
• Assess automation suitability for operations
• Understand WMS and control system integration
• Build an automation business case
• Plan implementation and change management
• Measure performance after automation

## Target audience

This course is suitable for:
• Warehouse and logistics managers
• Supply chain directors
• Operations engineers
• E-commerce fulfilment managers
• Project managers



# Course content

## Target competencies

Participants will develop competencies in:

- Automation technology assessment
- Operations analysis
- Systems integration
- Business case development
- Implementation planning
- Performance measurement

## Course outline

### Day 1: Automation Drivers

| | |
|---|---|
| **09:00–09:54** | Labour and service pressures |
| **09:54–10:48** | Levels of automation |
| **10:48–11:00** | Technology landscape |
| **11:00–11:30** | **Coffee break** |
| **11:30–12:12** | Technology landscape (continued) |
| **12:12–13:06** | Success factors |
| **13:06–14:00** | Exercise: Operations profile |

### Day 2: Technologies

| | |
|---|---|
| **09:00–09:54** | Conveyors and sortation |
| **09:54–10:48** | AS/RS and shuttle systems |
| **10:48–11:00** | Autonomous mobile robots |
| **11:00–11:30** | **Coffee break** |
| **11:30–12:12** | Autonomous mobile robots (continued) |
| **12:12–13:06** | Robotic picking |
| **13:06–14:00** | Video case studies |



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## Day 3: Systems and Integration

| | |
|---|---|
| 09:00–09:54 | WMS and WCS |
| 09:54–10:48 | Data requirements |
| 10:48–11:00 | Integration challenges |
| 11:00–11:30 | **Coffee break** |
| 11:30–12:12 | Integration challenges (continued) |
| 12:12–13:06 | Flexibility and scalability |
| 13:06–14:00 | Workshop: Systems design |

## Day 4: Business Case

| | |
|---|---|
| 09:00–09:54 | Cost and benefit modelling |
| 09:54–10:48 | Risk assessment |
| 10:48–11:00 | Vendor evaluation |
| 11:00–11:30 | **Coffee break** |
| 11:30–12:12 | Vendor evaluation (continued) |
| 12:12–13:06 | Phasing |
| 13:06–14:00 | Exercise: Automation business case |

## Day 5: Implementation

| | |
|---|---|
| 09:00–09:54 | Project planning |
| 09:54–10:48 | Testing and commissioning |
| 10:48–11:00 | Workforce change |
| 11:00–11:30 | **Coffee break** |
| 11:30–12:12 | Workforce change (continued) |
| 12:12–13:06 | Performance monitoring |
| 13:06–14:00 | Capstone: Automation roadmap |

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the



# Course content

sessions. They are indicative only and do not constitute a binding commitment.

## Dates, venues and fees

Current published course plans. Fees are per participant in GBP, excluding unconfirmed taxes.

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Kuala Lumpur<br>Confirmed dates | 16 Nov 2026 | 20 Nov 2026 | **£1,450.–** |
| Online<br>Confirmed dates | 16 Nov 2026 | 20 Nov 2026 | **£1,250.–** |
| Rome<br>Confirmed dates | 30 Nov 2026 | 4 Dec 2026 | **£2,450.–** |
| Online<br>Confirmed dates | 30 Nov 2026 | 4 Dec 2026 | **£1,250.–** |
| Paris<br>Confirmed dates | 7 Dec 2026 | 11 Dec 2026 | **£2,860.–** |
| Online<br>Confirmed dates | 7 Dec 2026 | 11 Dec 2026 | **£1,250.–** |
| Istanbul<br>Confirmed dates | 14 Dec 2026 | 18 Dec 2026 | **£2,650.–** |
| Online<br>Confirmed dates | 14 Dec 2026 | 18 Dec 2026 | **£1,250.–** |



# Course content

## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Amsterdam<br>Confirmed dates | 4 Jan 2027 | 8 Jan 2027 | **£2,540.–** |
| Online<br>Confirmed dates | 4 Jan 2027 | 8 Jan 2027 | **£1,250.–** |
| Singapore<br>Confirmed dates | 18 Jan 2027 | 22 Jan 2027 | **£2,820.–** |
| Online<br>Confirmed dates | 18 Jan 2027 | 22 Jan 2027 | **£1,250.–** |
| London<br>Confirmed dates | 1 Feb 2027 | 5 Feb 2027 | **£2,450.–** |
| Online<br>Confirmed dates | 1 Feb 2027 | 5 Feb 2027 | **£1,250.–** |
| Dubai<br>Confirmed dates | 15 Feb 2027 | 19 Feb 2027 | **£3,150.–** |
| Online<br>Confirmed dates | 15 Feb 2027 | 19 Feb 2027 | **£1,250.–** |
| Frankfurt<br>Confirmed dates | 1 Mar 2027 | 5 Mar 2027 | **£2,650.–** |



# Course content

## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Online<br>Confirmed dates | 1 Mar 2027 | 5 Mar 2027 | **£1,250.–** |
| Cape Town<br>Confirmed dates | 8 Mar 2027 | 12 Mar 2027 | **£1,890.–** |
| Online<br>Confirmed dates | 8 Mar 2027 | 12 Mar 2027 | **£1,250.–** |
| Kuala Lumpur<br>Confirmed dates | 15 Mar 2027 | 19 Mar 2027 | **£1,450.–** |
| Online<br>Confirmed dates | 15 Mar 2027 | 19 Mar 2027 | **£1,250.–** |
| Paris<br>Confirmed dates | 5 Apr 2027 | 9 Apr 2027 | **£2,860.–** |
| Online<br>Confirmed dates | 5 Apr 2027 | 9 Apr 2027 | **£1,250.–** |
| Istanbul<br>Confirmed dates | 19 Apr 2027 | 23 Apr 2027 | **£2,650.–** |
| Online<br>Confirmed dates | 19 Apr 2027 | 23 Apr 2027 | **£1,250.–** |



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## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Amsterdam<br>Confirmed dates | 3 May 2027 | 7 May 2027 | **£2,540.–** |
| Online<br>Confirmed dates | 3 May 2027 | 7 May 2027 | **£1,250.–** |
| Rome<br>Confirmed dates | 10 May 2027 | 14 May 2027 | **£2,450.–** |
| Online<br>Confirmed dates | 10 May 2027 | 14 May 2027 | **£1,250.–** |
| Singapore<br>Confirmed dates | 17 May 2027 | 21 May 2027 | **£2,820.–** |
| Online<br>Confirmed dates | 17 May 2027 | 21 May 2027 | **£1,250.–** |
| London<br>Confirmed dates | 7 Jun 2027 | 11 Jun 2027 | **£2,450.–** |
| Online<br>Confirmed dates | 7 Jun 2027 | 11 Jun 2027 | **£1,250.–** |
| Dubai<br>Confirmed dates | 21 Jun 2027 | 25 Jun 2027 | **£3,150.–** |



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## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Online<br>Confirmed dates | 21 Jun 2027 | 25 Jun 2027 | **£1,250.-** |
| Vienna<br>Confirmed dates | 28 Jun 2027 | 2 Jul 2027 | **£2,940.-** |
| Online<br>Confirmed dates | 28 Jun 2027 | 2 Jul 2027 | **£1,250.-** |
| Frankfurt<br>Confirmed dates | 5 Jul 2027 | 9 Jul 2027 | **£2,650.-** |
| Online<br>Confirmed dates | 5 Jul 2027 | 9 Jul 2027 | **£1,250.-** |
| Kuala Lumpur<br>Confirmed dates | 19 Jul 2027 | 23 Jul 2027 | **£1,450.-** |
| Online<br>Confirmed dates | 19 Jul 2027 | 23 Jul 2027 | **£1,250.-** |
| Paris<br>Confirmed dates | 2 Aug 2027 | 6 Aug 2027 | **£2,860.-** |
| Online<br>Confirmed dates | 2 Aug 2027 | 6 Aug 2027 | **£1,250.-** |



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## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Istanbul<br>Confirmed dates | 16 Aug 2027 | 20 Aug 2027 | **£2,650.-** |
| Online<br>Confirmed dates | 16 Aug 2027 | 20 Aug 2027 | **£1,250.-** |
| Cape Town<br>Confirmed dates | 30 Aug 2027 | 3 Sept 2027 | **£1,890.-** |
| Online<br>Confirmed dates | 30 Aug 2027 | 3 Sept 2027 | **£1,250.-** |
| Amsterdam<br>Confirmed dates | 6 Sept 2027 | 10 Sept 2027 | **£2,540.-** |
| Online<br>Confirmed dates | 6 Sept 2027 | 10 Sept 2027 | **£1,250.-** |
| Singapore<br>Confirmed dates | 20 Sept 2027 | 24 Sept 2027 | **£2,820.-** |
| Online<br>Confirmed dates | 20 Sept 2027 | 24 Sept 2027 | **£1,250.-** |
| London<br>Confirmed dates | 4 Oct 2027 | 8 Oct 2027 | **£2,450.-** |



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## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Online<br>Confirmed dates | 4 Oct 2027 | 8 Oct 2027 | **£1,250.–** |
| Dubai<br>Confirmed dates | 18 Oct 2027 | 22 Oct 2027 | **£3,150.–** |
| Online<br>Confirmed dates | 18 Oct 2027 | 22 Oct 2027 | **£1,250.–** |
| Frankfurt<br>Confirmed dates | 1 Nov 2027 | 5 Nov 2027 | **£2,650.–** |
| Online<br>Confirmed dates | 1 Nov 2027 | 5 Nov 2027 | **£1,250.–** |
| Barcelona<br>Confirmed dates | 8 Nov 2027 | 12 Nov 2027 | **£2,840.–** |
| Online<br>Confirmed dates | 8 Nov 2027 | 12 Nov 2027 | **£1,250.–** |
| Kuala Lumpur<br>Confirmed dates | 15 Nov 2027 | 19 Nov 2027 | **£1,450.–** |
| Online<br>Confirmed dates | 15 Nov 2027 | 19 Nov 2027 | **£1,250.–** |



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## Dates, venues and fees (continued)

| Venue | Start date | End date | Fee (GBP) |
|---|---|---|---|
| Paris<br>Confirmed dates | 6 Dec 2027 | 10 Dec 2027 | **£2,860.-** |
| Online<br>Confirmed dates | 6 Dec 2027 | 10 Dec 2027 | **£1,250.-** |
| Istanbul<br>Confirmed dates | 13 Dec 2027 | 17 Dec 2027 | **£2,650.-** |
| Online<br>Confirmed dates | 13 Dec 2027 | 17 Dec 2027 | **£1,250.-** |

## Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon UK certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

## Contact Smart Horizon

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View the latest course details online