

OPERATIONS & SUPPLY CHAIN | COURSE BROCHURE

Container Yard Planning

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Container terminals depend on efficient yard planning to keep ships, trucks and trains moving. This course covers container yard operations: yard layout and blocks, stacking strategies, equipment deployment, vessel and gate planning interfaces, reefer and dangerous goods handling, terminal operating systems and productivity measurement.

Poor yard planning causes rehandling, congestion and delays. You will learn planning techniques that raise terminal productivity.

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

Yard planning exercises, terminal case studies, simulation of stacking strategies and KPI analysis.

Course objectives

By the end of this course, participants will be able to:
• Explain container terminal and yard processes
• Design yard layouts and block allocation
• Apply stacking and allocation strategies
• Coordinate yard, vessel and gate planning
• Handle reefer and dangerous goods safely
• Measure yard productivity

Target audience

This course is suitable for:
• Yard and terminal planners
• Port operations managers
• Terminal supervisors
• Logistics professionals in ports
• Shipping line operations staff



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Target competencies

Participants will develop competencies in:

- Yard planning
- Stacking strategy
- Equipment deployment
- Interface coordination
- Productivity measurement

Course outline

Day 1: Terminal Operations

09:00–10:08	Terminal layout
10:08–11:00	Flows
11:00–11:30	**Coffee break**
11:30–11:45	Flows (continued)
11:45–12:53	Key performance indicators
12:53–14:00	Exercise

Day 2: Yard Layout

09:00–10:08	Blocks and capacity
10:08–11:00	Equipment types
11:00–11:30	**Coffee break**
11:30–11:45	Equipment types (continued)
11:45–12:53	Traffic flows
12:53–14:00	Workshop

Day 3: Stacking Strategies

09:00–10:08	Allocation rules
10:08–11:00	Rehandling reduction
11:00–11:30	**Coffee break**



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11:30–11:45	Rehandling reduction (continued)
11:45–12:53	Import, export and transshipment
12:53–14:00	Simulation

Day 4: Interfaces

09:00–10:08	Vessel planning
10:08–11:00	Gate and rail
11:00–11:30	**Coffee break**
11:30–11:45	Gate and rail (continued)
11:45–12:53	Special cargo
12:53–14:00	Case study

Day 5: Systems and Productivity

09:00–10:08	Terminal operating systems
10:08–11:00	Productivity analysis
11:00–11:30	**Coffee break**
11:30–11:45	Productivity analysis (continued)
11:45–12:53	Improvement
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

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

Venue	Start date	End date	Fee (EUR)
Rome Confirmed dates	9 Nov 2026	13 Nov 2026	**€2,450.-**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**€1,250.-**
Istanbul Confirmed dates	23 Nov 2026	27 Nov 2026	**€2,650.-**
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,250.-**
Rome Confirmed dates	14 Dec 2026	18 Dec 2026	**€2,450.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.-**
Dubai Confirmed dates	18 Jan 2027	22 Jan 2027	**€3,150.-**
Online Confirmed dates	18 Jan 2027	22 Jan 2027	**€1,250.-**
Barcelona Confirmed dates	8 Feb 2027	12 Feb 2027	**€2,840.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	8 Feb 2027	12 Feb 2027	**€1,250.–**
Dubai Confirmed dates	1 Mar 2027	5 Mar 2027	**€3,150.–**
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**€1,250.–**
Vienna Confirmed dates	15 Mar 2027	19 Mar 2027	**€2,940.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.–**
London Confirmed dates	5 Apr 2027	9 Apr 2027	**€2,450.–**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,250.–**
Cape Town Confirmed dates	26 Apr 2027	30 Apr 2027	**€1,890.–**
Online Confirmed dates	26 Apr 2027	30 Apr 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Paris Confirmed dates	17 May 2027	21 May 2027	**€2,860.–**
Online Confirmed dates	17 May 2027	21 May 2027	**€1,250.–**
Amsterdam Confirmed dates	7 Jun 2027	11 Jun 2027	**€2,540.–**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**€1,250.–**
Frankfurt Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,650.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.–**
Vienna Confirmed dates	12 Jul 2027	16 Jul 2027	**€2,940.–**
Online Confirmed dates	12 Jul 2027	16 Jul 2027	**€1,250.–**
Dubai Confirmed dates	2 Aug 2027	6 Aug 2027	**€3,150.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**€1,250.-**
Cape Town Confirmed dates	23 Aug 2027	27 Aug 2027	**€1,890.-**
Online Confirmed dates	23 Aug 2027	27 Aug 2027	**€1,250.-**
London Confirmed dates	13 Sept 2027	17 Sept 2027	**€2,450.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,250.-**
Cape Town Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,890.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Kuala Lumpur Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,450.-**
Online Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Barcelona Confirmed dates	8 Nov 2027	12 Nov 2027	**€2,840.-**
Online Confirmed dates	8 Nov 2027	12 Nov 2027	**€1,250.-**
Rome Confirmed dates	29 Nov 2027	3 Dec 2027	**€2,450.-**
Online Confirmed dates	29 Nov 2027	3 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 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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