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Global Learning for Operational Leaders



DIGITAL INNOVATION AND TRANSFORMATION | DIT-081

Emerging Technologies and Future Foresight for Leaders

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Course content

Why Attend

New technologies are emerging faster than most organisations can track. Artificial intelligence, quantum computing, advanced robotics, biotechnology, space technology, Web3 and new energy technologies could reshape industries within a decade.

Leaders cannot predict the future, but they can prepare for it. Strategic foresight provides structured methods to scan for change, interpret signals, explore alternative futures and make decisions that remain sound under uncertainty.

Course Methodology

• This training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes an interactive mixture of lecture-led learning, case studies, practical exercises and group discussions.

Course Objectives

• Understand core principles and best practices covered in Emerging Technologies and Future Foresight for Leaders.

• Apply practical techniques to day-to-day operational challenges.

• Build an implementation action plan suitable for your organization.

Target Audience

• Senior executives and strategy leaders

• Innovation and future foresight teams

• Digital transformation leaders

• Government policy and planning officials



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Course outline

Detailed course outline

Day-by-day outline for Emerging Technologies and Future Foresight for Leaders.

Day 1 - The Accelerating Pace of Technological Change

- 09:00-09:39 | Exponential Technologies: Why change feels sudden and how adoption curves work
- 09:39-10:18 | The Hype Cycle and Technology Readiness: Assessing maturity realistically
- 10:18-10:57 | Convergence: How combining technologies creates new possibilities
- 10:57-11:00 | Megatrends: Demographics, climate, urbanisation and geopolitical shifts
- 11:00-11:30 | Coffee break
- 11:30-12:06 | Megatrends: Demographics, climate, urbanisation and geopolitical shifts (continued)
- 12:06-12:44 | Regional Future Agendas: National foresight and future strategies in the Gulf
- 12:44-13:22 | Lessons from History: Organisations that missed or seized technology shifts
- 13:22-14:00 | Discussion: Participants identify technologies that could disrupt their sector

Day 2 - Artificial Intelligence, Robotics and Automation

- 09:00-09:34 | The Future of AI: From generative AI to autonomous agents and general-purpose systems
- 09:34-10:08 | Robotics and Autonomous Systems: Drones, autonomous vehicles and humanoid robots
- 10:08-10:42 | The Future of Work: Automation, augmentation and new skills
- 10:42-11:00 | Human-Machine Collaboration: Redesigning jobs and organisations
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Human-Machine Collaboration: Redesigning jobs and organisations (continued)
- 11:46-12:20 | Ethics and Regulation: Governing powerful technologies
- 12:20-12:53 | Sector Impacts: Healthcare, finance, logistics, government and energy
- 12:53-14:00 | Exercise: Assess AI and automation impact on a value chain



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Day 3 - Frontier Technologies

• 09:00-09:34 | Quantum Computing: Principles, likely applications and timelines

• 09:34-10:08 | Web3 and Digital Assets: Blockchain, tokenisation and decentralised systems

• 10:08-10:42 | Extended Reality and Spatial Computing: Immersive experiences and industrial uses

• 10:42-11:00 | Biotechnology and Health Technologies: Genomics, personalised medicine and synthetic biology

• 11:00-11:30 | Coffee break

• 11:30-11:46 | Biotechnology and Health Technologies: Genomics, personalised medicine and synthetic biology (continued)

• 11:46-12:20 | Energy and Climate Technologies: Hydrogen, storage, carbon capture and smart grids

• 12:20-12:53 | Space Technology: Satellites, connectivity and the space economy

• 12:53-14:00 | Workshop: Build a technology radar for participants' sector

Day 4 - Strategic Foresight Methods

• 09:00-09:30 | Horizon Scanning: Sources, signals and scanning processes

• 09:30-10:00 | Weak Signals and Wild Cards: Detecting early indicators of change

• 10:00-10:30 | Trend Analysis and Impact Assessment: Evaluating importance and uncertainty

• 10:30-11:00 | Scenario Planning: Building plausible alternative futures

• 11:00-11:30 | Coffee break

• 11:30-12:00 | Scenario Planning: Building plausible alternative futures (continued)

• 12:00-12:30 | Backcasting: Working backwards from preferred futures

• 12:30-13:00 | Futures Wheel and Causal Layered Analysis: Exploring consequences

• 13:00-14:00 | Workshop: Develop future scenarios for participants' industry



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Day 5 - Building a Future-Ready Organisation

- 09:00-09:34 | From Foresight to Strategy: Integrating futures thinking into planning
- 09:34-10:08 | Technology Adoption Strategies: Leader, fast follower and selective adopter
- 10:08-10:42 | Experimentation and Pilots: Learning about new technologies with limited risk
- 10:42-11:00 | Partnerships and Ecosystems: Startups, universities and research centres
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Partnerships and Ecosystems: Startups, universities and research centres (continued)
- 11:46-12:53 | Building Foresight Capability: Teams, processes and culture
- 12:53-13:27 | Leading Through Uncertainty: Adaptive leadership and decision making
- 13:27-14:00 | Capstone: Participants present a technology foresight and adoption plan



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Seminar dates

Available seminar dates

Live dates and pricing for Emerging Technologies and Future Foresight for Leaders generated from the course details page.

Date	Location	Format	Fee
4 - 8 January 2027	Amsterdam	Classroom	**€2,415**
11 - 15 January 2027	Dubai	Classroom	**€2,745**
18 - 22 January 2027	London	Classroom	**€2,815**
25 - 29 January 2027	Cape Town	Classroom	**€1,895**
1 - 5 February 2027	Oslo	Classroom	**€4,200**
8 - 12 February 2027	Dublin	Classroom	**€3,360**
15 - 19 February 2027	Barcelona	Classroom	**€2,175**
22 - 26 February 2027	Cape Town	Classroom	**€1,895**
1 - 5 March 2027	Frankfurt	Classroom	**€2,215**
8 - 12 March 2027	Manchester	Classroom	**€3,360**



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Date	Location	Format	Fee
15 - 19 March 2027	Kuala lumpur	Classroom	**€2,425**
22 - 26 March 2027	Liverpool	Classroom	**€3,360**
5 - 9 April 2027	Istanbul	Classroom	**€2,250**
12 - 16 April 2027	Dubai	Classroom	**€2,745**
19 - 23 April 2027	Cape Town	Classroom	**€1,895**
26 - 30 April 2027	Paris	Classroom	**€2,210**
3 - 7 May 2027	Dubai	Classroom	**€2,745**
10 - 14 May 2027	Amsterdam	Classroom	**€2,415**
17 - 21 May 2027	Istanbul	Classroom	**€2,250**
24 - 28 May 2027	London	Classroom	**€2,815**



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Date	Location	Format	Fee
7 - 11 June 2027	Cape Town	Classroom	**€1,895**
14 - 18 June 2027	Brussels	Classroom	**€3,400**
21 - 25 June 2027	Dubai	Classroom	**€2,745**
5 - 9 July 2027	Barcelona	Classroom	**€2,175**
12 - 16 July 2027	Cape Town	Classroom	**€1,895**
19 - 23 July 2027	Frankfurt	Classroom	**€2,215**
26 - 30 July 2027	Dubai	Classroom	**€2,745**
2 - 6 August 2027	Kuala lumpur	Classroom	**€2,425**
9 - 13 August 2027	Eindhoven	Classroom	**€3,400**
16 - 20 August 2027	Rotterdam	Classroom	**€3,400**



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Date	Location	Format	Fee
23 - 27 August 2027	Dubai	Classroom	**€2,745**
6 - 10 September 2027	Cape Town	Classroom	**€1,895**
13 - 17 September 2027	Paris	Classroom	**€2,210**
20 - 24 September 2027	Dubai	Classroom	**€2,745**
4 - 8 October 2027	Amsterdam	Classroom	**€2,415**
11 - 15 October 2027	Dubai	Classroom	**€2,745**
18 - 22 October 2027	Dusseldorf	Classroom	**€3,400**
25 - 29 October 2027	Cape Town	Classroom	**€1,895**
1 - 5 November 2027	Istanbul	Classroom	**€2,250**
8 - 12 November 2027	Dubai	Classroom	**€2,745**



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22 - 26 November 2027	Cape Town	Classroom	**€1,895**
6 - 10 December 2027	Frankfurt	Classroom	**€2,215**
13 - 17 December 2027	Dubai	Classroom	**€2,745**
20 - 24 December 2027	Berlin	Classroom	**€3,400**
27 - 31 December 2027	London	Classroom	**€2,815**
4 - 8 January 2027	Online / Live	Online / Live	**€1,515**
11 - 15 January 2027	Online / Live	Online / Live	**€1,515**
18 - 22 January 2027	Online / Live	Online / Live	**€1,515**
25 - 29 January 2027	Online / Live	Online / Live	**€1,515**



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Date	Location	Format	Fee
1 - 5 February 2027	Online / Live	Online / Live	**€1,515**
8 - 12 February 2027	Online / Live	Online / Live	**€1,515**
15 - 19 February 2027	Online / Live	Online / Live	**€1,515**
22 - 26 February 2027	Online / Live	Online / Live	**€1,515**
1 - 5 March 2027	Online / Live	Online / Live	**€1,515**
8 - 12 March 2027	Online / Live	Online / Live	**€1,515**
15 - 19 March 2027	Online / Live	Online / Live	**€1,515**
22 - 26 March 2027	Online / Live	Online / Live	**€1,515**
5 - 9 April 2027	Online / Live	Online / Live	**€1,515**
12 - 16 April 2027	Online / Live	Online / Live	**€1,515**



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19 - 23 April 2027	Online / Live	Online / Live	**€1,515**
26 - 30 April 2027	Online / Live	Online / Live	**€1,515**
3 - 7 May 2027	Online / Live	Online / Live	**€1,515**
10 - 14 May 2027	Online / Live	Online / Live	**€1,515**
17 - 21 May 2027	Online / Live	Online / Live	**€1,515**
24 - 28 May 2027	Online / Live	Online / Live	**€1,515**
7 - 11 June 2027	Online / Live	Online / Live	**€1,515**
14 - 18 June 2027	Online / Live	Online / Live	**€1,515**
21 - 25 June 2027	Online / Live	Online / Live	**€1,515**
5 - 9 July 2027	Online / Live	Online / Live	**€1,515**



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12 - 16 July 2027	Online / Live	Online / Live	**€1,515**
19 - 23 July 2027	Online / Live	Online / Live	**€1,515**
26 - 30 July 2027	Online / Live	Online / Live	**€1,515**
2 - 6 August 2027	Online / Live	Online / Live	**€1,515**
9 - 13 August 2027	Online / Live	Online / Live	**€1,515**
16 - 20 August 2027	Online / Live	Online / Live	**€1,515**
23 - 27 August 2027	Online / Live	Online / Live	**€1,515**
6 - 10 September 2027	Online / Live	Online / Live	**€1,515**
13 - 17 September 2027	Online / Live	Online / Live	**€1,515**
20 - 24 September 2027	Online / Live	Online / Live	**€1,515**



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18 - 22 October 2027	Online / Live	Online / Live	**€1,515**
25 - 29 October 2027	Online / Live	Online / Live	**€1,515**
1 - 5 November 2027	Online / Live	Online / Live	**€1,515**
8 - 12 November 2027	Online / Live	Online / Live	**€1,515**
15 - 19 November 2027	Online / Live	Online / Live	**€1,515**
22 - 26 November 2027	Online / Live	Online / Live	**€1,515**
6 - 10 December 2027	Online / Live	Online / Live	**€1,515**
13 - 17 December 2027	Online / Live	Online / Live	**€1,515**



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Date	Location	Format	Fee
20 - 24 December 2027	Online / Live	Online / Live	**€1,515**
27 - 31 December 2027	Online / Live	Online / Live	**€1,515**