MERCURY

Digital Skills, Artificial Intelligence and Smart Systems

26 - 30 Oct 2026
London (UK)

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Digital Skills, Artificial Intelligence and Smart Systems

Ref.: 121686_1042991 **Date:** 26 - 30 Oct 2026 **Location:** London (UK) **Fees:** 5900 **Euro**

Introduction

This Digital Skills, Artificial Intelligence and Smart Systems course provides an understanding of modern digital skills required in evolving workplaces. It explores the integration of artificial intelligence with smart systems to enhance productivity and decision-making. Participants will gain insights into how digital transformation is reshaping industries across all sectors. The program focuses on practical theoretical foundations that explain how AI technologies function in real-world environments. It highlights the importance of data literacy, automation, and intelligent tools in organizational success. Learners will understand how digital ecosystems operate and interact in a connected world.

Targeted Groups

This Digital Skills, Artificial Intelligence and Smart Systems training targets professionals seeking knowledge and skills:

- Corporate employees aiming to improve digital workplace efficiency and productivity.
- Managers and supervisors interested in AI-driven decision-making tools.
- IT specialists expanding knowledge of smart systems and automation technologies.
- Educators and trainers integrate digital transformation into learning environments.
- Business analysts exploring data-driven strategies and digital intelligence.
- Entrepreneurs seeking to apply AI solutions in business growth and innovation.
- Government and public sector staff involved in digital transformation projects.

Course Objectives

Participants will achieve the following objectives by completing the Digital Skills, Artificial Intelligence and Smart Systems course:

- Develop a strong foundation in digital skills and modern workplace technologies, including cloud tools and collaboration platforms.
- Understand core principles of artificial intelligence, machine learning basics, and intelligent automation systems.
- Gain the ability to analyze digital transformation strategies and their impact on organizational performance.
- Explore how smart systems and IoT applications enhance operational efficiency and decision-making processes.
- Build awareness of data literacy, cybersecurity principles, and ethical considerations in AI usage.
- Strengthen problem-solving skills using AI-powered tools for business and administrative tasks.
- Interpret digital trends shaping future workplaces and emerging smart technologies.
- Apply theoretical AI concepts to real-world organizational scenarios and innovation challenges.

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Targeted Competencies

Participants will gain the following competencies during the Digital Skills, Artificial Intelligence and Smart Systems program:

- Navigate digital environments and use productivity tools effectively.
- Understand AI models, automation systems, and smart technologies.
- Interpret data insights to support better decisions and planning.
- Integrate AI into business workflows and service operations.
- Evaluate digital transformation within organizational settings.
- Apply ethical and responsible practices in AI usage.

Studying Scenarios

In this Digital Skills, Artificial Intelligence and Smart Systems training, participants develop skills through the following scenarios:

- Analysis of workplace digital transformation cases and AI integration in business processes.
- Examination of smart system applications in logistics, healthcare, and service industries.
- Evaluation of data-driven decision-making scenarios using artificial intelligence tools.
- Interpretation of automation workflows and digital productivity enhancement models.

Course Content

Unit 1: Foundations of Digital Skills in the Modern Workplace

- Introduction to digital skills and their role in modern organizational environments.
- Understanding digital literacy and its impact on productivity and communication.
- Overview of essential workplace technologies, including cloud computing tools.
- Exploration of collaboration platforms and remote working systems.
- Fundamentals of digital transformation and its business implications.
- Introduction to data literacy and information management principles.
- Overview of digital communication channels and professional online behavior.
- Understanding cybersecurity awareness and safe digital practices.

Unit 2: Fundamentals of Artificial Intelligence and Machine Learning

- Introduction to artificial intelligence concepts and historical development.
- Understanding machine learning basics and how algorithms learn from data.
- Overview of supervised, unsupervised, and reinforcement learning models.
- Exploration of natural language processing and intelligent systems interaction.
- Understanding predictive analytics and AI-driven forecasting systems.
- Introduction to neural networks and deep learning fundamentals.
- Role of AI in automation and decision support systems.
- Ethical considerations in artificial intelligence development and deployment.

Unit 3: Smart Systems and Internet of Things IoT Integration

- Introduction to smart systems and their role in connected environments.
- Understanding Internet of Things architecture and device connectivity.
- Exploration of sensor technologies and real-time data collection systems.
- Role of smart systems in industrial automation and smart cities.

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- Integration of AI with IoT for intelligent decision-making systems.
- Overview of smart infrastructure and digital ecosystem design.
- Data flow management in interconnected smart environments.
- Challenges of scalability, security, and interoperability in smart systems.

Unit 4: AI Applications in Business and Organizational Performance

- Application of artificial intelligence in business process optimization.
- Use of AI tools in marketing, customer service, and customer experience.
- AI-driven analytics for strategic decision-making and performance tracking.
- Automation of administrative and operational workflows using intelligent systems.
- Role of AI in human resource management and talent acquisition.
- Digital transformation strategies for competitive business advantage.
- Integration of AI in financial analysis and risk management systems.
- Case-based analysis of AI adoption in leading global organizations.

Unit 5: Future Trends, Ethics, and Governance of Smart Technologies

- Emerging trends in artificial intelligence and digital innovation ecosystems.
- Future of work and the evolving role of human-AI collaboration.
- Ethical challenges in AI development, bias, and responsible use.
- Governance frameworks for digital systems and smart technologies.
- Impact of automation on employment and workforce transformation.
- Regulatory considerations in digital transformation and AI deployment.
- Sustainable development through smart and intelligent systems.
- Strategic forecasting of next-generation digital skills requirements.

Final Insights & Key Takeaways

Digital skills combined with artificial intelligence and smart systems are reshaping the future of work and organizational intelligence. Mastery of these domains enables professionals to adapt, innovate, and lead in data-driven and technology-enabled environments.

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Registration form on the :
Digital Skills, Artificial Intelligence and Smart Systems

code: 121686 **From:** 26 - 30 Oct 2026 **Venue:** London (UK) **Fees:** 5900 **Euro**

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