



# D4.2 Specific Curriculum



DECISION MAKERS EQF 7



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## Project information

The Artificial Intelligence Skills Alliance (ARISA) fast-tracks the upskilling and reskilling of employees, job seekers, business leaders, and policymakers into AI-related professions to open Europe to new business opportunities. It is a four-year transnational project funded under the EU’s Erasmus+ programme. For more information, contact [info@aiskills.eu](mailto:info@aiskills.eu) | [aiskills.eu](https://aiskills.eu)

## Project Partners



## **List of abbreviations**

AI	Artificial Intelligence
ARISA	Artificial Intelligence Skills Alliance
EQF	European Qualification Framework
EU	European Union

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## 1. General information

<b>Name</b>	Decision Makers
<b>EQF level</b>	EQF 7
<b>Goals</b>	<p>The curriculum aims to provide participants with insights into the regulatory landscape, strategic planning, and hands-on experience with AI technologies, thereby supporting informed decision-making and driving innovation in their organisations.</p> <p><b>Goals1-</b> Understand the various risks associated with implementing AI solutions within organisations.</p> <p><b>Goals 2-</b> Develop the ability to critically analyze and discuss risk assessments related to AI applications.</p> <p><b>Goals 3-</b> Understand the strategic role of AI in supporting business objectives.</p> <p><b>Goal 4-</b> Gain knowledge of authoritative publications and regulations governing AI.</p> <p><b>Goal 5-</b> Provide practical skills in implementing AI solutions within a business context.</p>
<b>Scope</b>	<p>The curriculum has been designed for mid-career professionals with the objective of providing learners with a comprehensive education on the integration of AI within organisational contexts.</p> <p>The primary target group for this curriculum are professionals who are involved in or responsible for decision-making, strategic planning, or innovation within their organisations. This includes, but is not limited to:</p> <ul style="list-style-type: none"> <li>• Business Executives</li> <li>• Managers</li> <li>• Legal and Compliance Officers</li> </ul>
<b>Entry requirements</b>	<i>None</i>
<b>Programme learning outcomes (PLOs)</b>	2 - Organisational decision-making on AI (EQF 7)

## 2. Description of the structure

The curriculum presents 3 Learning Units:

- 1-The Risks of AI
- 2- Developing an Organizational AI Strategy
- 3- Implementing AI Solutions in Business

Each learning unit will be delivered over a period of 8 hours, totaling 24 hours for the entire curriculum. The curriculum will be delivered through a blend of lectures, interactive discussions, practical workshops, and case studies.

Participants will engage in both individual and group activities to reinforce learning outcomes.

The programme objective is to provide mid-career professionals with a comprehensive understanding of the potential and risks associated with AI, the strategic implementation of AI within organisations, and the practical skills required to develop and deploy AI solutions effectively.

Participants will gain insights into the regulatory landscape, strategic planning, and hands-on experience with AI technologies, which will support informed decision-making and drive innovation in their organisations.

The assessments will encompass a range of methodologies, including participation, case study analyses, group activities, workshop outputs, and final evaluations. This approach will ensure a comprehensive understanding and practical application of the topics covered.

### 3. Overview of Learning Units

Learning unit title	Hours/ECTS	EQF level	Assessment(s)
1- The opportunities of AI	8 hours	EQF 7	Participation (20%) Discussion and project/plan Presentation (80%)
2- The risks of AI	8 hours	EQF 7	Participation (20%) Discussion and project/plan Presentation (80%)
3- Developing an organizational AI strategy	8 hours	EQF 7	Participation (20%) Discussion and project/plan Presentation (80%)

## 4. Details of Learning Units

### 4.1. The opportunities of AI

Description
<p>This structured, short-duration unit aims to provide decision-makers with a comprehensive understanding of AI's potential within their organizations, enabling them to critically assess AI proposals and strategically integrate AI solutions.</p> <p>Through this unit, learners will gain the ability to make informed decisions about integrating AI technologies into business operations, ensuring that they can effectively navigate the complexities and opportunities AI presents.</p>
Related Programme Learning Outcome(s)
<p>2 - Organisational decision-making on AI (EQF 7)</p>
Unit learning outcomes
<ul style="list-style-type: none"> <li>• Indicates the potential impact of implementing an AI solution in terms of organisation (e.g., structure, processes, governance), technology (e.g., infrastructure, data), and people (e.g., know-how, roles, functions)</li> <li>• Critically discusses and evaluates proposals (plans, recommendations, etc.) on the application of AI in a specific business.</li> </ul>
Delivery method(s)
<p>Combination of lectures, case studies, interactive discussions, and practical activities</p>
Materials
<p>Materials developed from Textbook, case studies and articles like:</p> <ul style="list-style-type: none"> <li>• Industry reports from <i>McKinsey &amp; Company</i> available under Creative Commons licenses</li> <li>• Articles from <i>AI Magazine</i> and <i>The Journal of Artificial Intelligence Research</i> with Creative Commons licenses</li> <li>• Open Access books such as "<i>Introduction to Artificial Intelligence</i>" by Wolfgang Ertel (available under Creative Commons license)</li> </ul>

## 4.2. The risks of AI

Description of [learning unit title]
<p>This unit aims to equip mid-career decision-makers with the skills to identify, assess, and manage risks associated with implementing AI solutions within their organizations. Participants will learn to interpret risk analyses, evaluate AI implementation proposals critically, and develop strategies to mitigate potential risks. By the end of this unit, learners will be proficient in making informed decisions regarding AI adoption while considering potential risks and their impact on the organization.</p>
Related Programme Learning Outcome(s)
<p>2 - Organisational decision-making on AI (EQF 7)</p>
Unit learning outcomes
<ul style="list-style-type: none"> <li>• Interprets a risk analysis of implementing an AI solution.</li> <li>• Critically discusses and evaluates proposals (plans, recommendations, etc.) on the application of AI in a specific business.</li> </ul>
Delivery method(s)
<p>Combination of lectures, case studies, interactive discussions, and practical activities</p>
Materials
<p>Materials developed from Textbook, case studies, online courses like:</p> <ul style="list-style-type: none"> <li>• <i>The Malicious Use of Artificial Intelligence: Forecasting, Prevention, and Mitigation</i>" (arXiv, Creative Commons licensed)</li> <li>• <i>"Ethics of Artificial Intelligence and Robotics"</i> by Vincent C. Müller (available on PhilPapers, Creative Commons licensed)</li> <li>• Coursera: <i>AI for Everyone</i> by Andrew Ng (auditable for free)</li> <li>• edX: <i>Artificial Intelligence: Implications for Business Strategy</i> by MIT (auditable for free)</li> </ul>

### 4.3. Developing an organizational AI strategy

#### Description of [learning unit title]

This 8-hour learning unit aims to equip mid-career professionals with the knowledge and skills necessary to develop and implement a comprehensive AI strategy within their organizations. Participants will gain a deep understanding of authoritative AI publications, relevant laws and regulations, and the strategic application of AI to support corporate objectives. Through case studies and practical exercises, learners will explore best practices and critically evaluate AI proposals, ensuring a well-governed and transparent AI adoption process.

#### Related Programme Learning Outcome(s)

2 - Organisational decision-making on AI (EQF 7)

#### Unit learning outcomes

- Lists the main authoritative EU and global publications and sources on AI, such as those of the European Council and the European Commission, the OECD and UNESCO
- Distinguishes current and emerging laws and regulations related to AI, such as the EU AI Act, data protection laws, sectoral regulatory frameworks, intellectual property (IP) laws, anti-trust/competition laws, consumer protection laws, cyber and information security laws.
- Describes the relation between AI and business strategy and the way AI can support corporate objectives (AI vision), e.g., by explaining how AI can be used to create value and be a source of competitive advantage to a business.
- Discusses main building blocks and best practices (case studies) of AI and data strategies in a range of businesses and industries.
- Critically discusses and evaluates proposals (plans, recommendations, etc.) on the application of AI in a specific business.
- Recognises the importance of a well-governed, transparent, and structured AI adoption and implementation process.

#### Delivery method(s)

Lectures, case studies, interactive discussions, and practical workshops

#### Materials

Materials will be developed starting from Articles, reports, case studies

- *"AI Policy and Governance: A Global Perspective"* by the OECD (available on the OECD iLibrary, Creative Commons licensed)
- *"The EU AI Act: A Comprehensive Overview"* by the European Commission
- GDPR guidelines
- *"AI in Business: Case Studies"* available from OER Commons or MERLOT



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