



interoperable
europe
Academy

Interoperability: An introductory course

English



Interoperability: an introductory course



Course details

This course provides a solid understanding about interoperability, including the need for it, the interoperability environment at high level and the respective initiatives of the European Commission. The course also gives insights on the opportunities that can be leveraged to identify the appropriate interoperability modules for the implementation of the services reusing existing interoperable solutions.



Target audience

This course is aimed at learners who are new to the concept of trans-European e-services and interoperability and it is adjusted to both, technical and non-IT specialists/professionals such as:

- Young professionals
- Civil servants
- Policy makers
- Legal advisers
- Project/programme managers
- System architects and public service designers

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Learning objectives

Upon completion of the course learners will:

- Provide the definition of interoperability identify / describe the main European Interoperability Framework concepts the main enablers and the main barriers for achieving interoperability.
- Articulate the need for Interoperability and how the concepts of the European Interoperability Framework and respective initiatives facilitate the implementation of significant legal acts for cross border services in the European Economic Area.
- Identify, locate, assess, reusable tools and participate to communities that accelerate the creation of the interoperable public services and develop the required advanced digital skills.



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Introduction

The objective of this course is to offer a comprehensive understanding of interoperability that addresses why it is necessary, the context of interoperability at a high level and the initiatives of the European Commission in this regard.

This introductory interoperability course consists of four sections, followed by a final assessment containing ten questions.

Upon successful completion of the course, students will be able to:

- Provide a definition of the term “interoperability” by citing and describing the main concepts of the European Interoperability Framework, the main enabling elements and the main obstacles in achieving interoperability.
- Explain why interoperability is necessary and how the concepts of the European Interoperability Framework and corresponding initiatives facilitate the implementation of important legal acts for cross-border services in the European Economic Area.
- Select, localize and evaluate reusable tools and participate in communities that accelerate the creation of interoperable public services and develop the necessary advanced digital capabilities (i.e. the National Interoperability Frameworks Observatory, JoinUp, the Open Source Observatory and Repository, the modules of the Connecting Europe Facility and the Interoperable Europe Academy).