MERCURY

The Complete Course in Information Management Systems

31 May – 4 June 2027
Madrid (Spain)



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Ref: 15396_306534 **Date:** 31 May – 4 June 2027 **Location:** Madrid (Spain) **Fees:** 5600 Euro

Introduction:

Information Management Systems IMS is rapidly evolving, and its impact is felt across all sectors and industries. From collecting and storing data to processing and analyzing information, IMS enables organizations to make informed decisions and stay competitive in today's fast-paced business environment.

This advanced course in Information Management Systems is designed to provide students with an in-depth understanding of the latest trends, concepts, and technologies in the field. Building on a solid foundation of IMS principles, the course will cover topics such as data management and warehousing, enterprise content management, business process management, and workflow automation, as well as emerging trends in the field such as big data, cloud computing, artificial intelligence, and the Internet of Things.

Through a combination of lectures, case studies, and hands-on exercises, participants will gain practical skills and knowledge to design, implement, and manage information systems that meet the needs of modern organizations. The course is suitable for professionals seeking to enhance their knowledge and skills in IMS and students with a background in information technology, computer science, or business.

Participants interested in further specialized training, such as IMS training, and specifically what IMS training entails, will find the course content aligning with the needs of a robust IMS course. The culmination of this course not only lays the groundwork for immediate practical application and sets the stage for future academic pursuits in Information Management Systems.

Targeted Groups:

- Information Technology Professionals.
- Business Professionals.
- Data Science Professionals.
- Computer Science specialists.
- Business specialists.

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Course Objectives:

At the end of this information management systems IMS course, the participants will be able to:

- Analyze the information needs of organizations and design information management systems that meet those needs.
- Understand the concepts and principles of data management and warehousing, as well as design and implement effective data integration and ETL processes.
- Design and implement enterprise content management systems that support collaboration, workflow, and business process management.
- Develop and implement business process management and workflow automation systems that improve organizational efficiency and effectiveness.
- Understand the emerging trends and technologies in information management systems, including big data, cloud computing, artificial intelligence, and the Internet of Things.
- Apply best practices in governance, risk, and compliance to information management systems, ensuring the security and privacy of organizational data.
- Apply critical thinking and problem-solving skills to analyze and solve real-world information management challenges.
- Communicate effectively with technical and non-technical stakeholders to design, implement, and manage information management systems that meet organizational needs.

Targeted Competencies:

Upon the end of this information management systems IMS training, the participants will be able to:

- Foundations of Information Management Systems.
- Data Management and Warehousing.
- Enterprise Content Management.
- Business Process Management and Workflow Automation.
- Emerging Trends in Information Management Systems.

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Understanding Information Management Systems and Technologies:

Information management systems and technologies should be emphasized in an increasingly data-driven world. This course will delve into the core aspects of IMS, including the definition of IMS, its advantages, and the application of various IMS tools.

Additionally, students will explore specific systems such as document information management systems DIMS, performance information management systems PIMS, and practice information management systems PrIMS, contributing to a comprehensive mastery of information management systems.

An advanced understanding of applied information management systems is crucial for career advancement and effective organizational leadership. This course contributes to a deepened skillset suitable for a Master in Information Management Systems, equipping graduates with the necessary competencies to excel in senior information management roles.

Course Content:

Unit 1: Foundations of Information Management Systems:

- Overview of information management systems.
- System development life cycle.
- Information systems strategy and planning.
- Governance, risk, and compliance.

Unit 2: Data Management and Warehousing:

- Data management concepts and principles.
- Data warehousing architecture and design.
- Data integration and ETL extract, transform, and load.
- Data quality and governance.

Unit 3: Enterprise Content Management:

- Content management systems architecture and design.
- Records management and retention policies.
- Workflow and business process management.
- Collaboration and document management.

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Unit 4: Business Process Management and Workflow Automation:

- Business process modeling and analysis.
- Workflow automation and orchestration.
- Process monitoring and optimization.
- Integration with other information systems.

Unit 5: Emerging Trends in Information Management Systems:

- Big data and analytics.
- Cloud computing and virtualization.
- Artificial intelligence and machine learning.
- Internet of Things and sensor networks.