

Course Unit	Advanced Topics in Management	Field of study	Management
Master in	Management - Business Management	School	School of Technology and Management
Academic Year	2023/2024	Year of study	1
Type	Semestral	Semester	1
Workload (hours)	162	Contact hours	T - TP 42 PL - TC - S 3 E - OT - O -
Level	2-1	ECTS credits	6.0
Code	5009-516-1101-00-23		

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) **Luís Carlos Magalhães Pires, Ana Sofia Cardim Barata**

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Identify nowadays management challenges;
2. Understand the emergent organizational paradigms;
3. Understand ICT influence in people and organizations management;
4. Recognize the role of knowledge management in management activity;
5. Recognize innovation factors that better fit organizations goals.

### Prerequisites

Before the course unit the learner is expected to be able to:

1. Knowledge about basic management;
2. Knowledge about management processes and scopes;
3. Knowledge about HR importance in organizations.
4. Show the importance of human resources in the current context of organizations.

### Course contents

Actual management environment. The need of new organizational paradigm. Information Management. Knowledge management. Innovation

### Course contents (extended version)

1. Nowadays management environment
  - Characterization
  - Challenges
2. The need of new organizational paradigms
  - Market evolution and production philosophies
  - Globalization
  - Information and communication technologies
  - Electronic cooperation
  - Virtual organizations
  - Virtual organizations management
3. Information management
  - Value and benefits
  - Information management processes
  - Information management strategies
  - Information security
  - Information asymmetry
  - Information management and technology
4. Knowledge management
  - The importance of knowledge
  - Knowledge management process
  - Knowledge management components
  - Conceptual maps
  - Ontology's
  - Organizational learning
  - Knowledge diffusion
5. Innovation
  - Characterization
  - Evolution of innovation
  - National and international environment of innovation

### Recommended reading

1. Certo, S. C & Certo, S. T. (2020). Modern Management: Concepts and Skills, 15th edition.
2. David, F. R. & David, F. R. (2016). Strategic Management: A Competitive Advantage Approach, Concepts and Cases, Global Edition.
3. Geisler, E. & Wickramasinghe, N. (2015). Principles of knowledge management: theory, practice, and cases: theory, practice, and cases. Routledge
4. Laudon, K. C. & Laudon, J. P. (2019). Management Information Systems: Managing the Digital Firm, Global Edition.
5. Sotomayor, A. , Duarte, M. & Rodrigues, J. (2021). Princípios de Gestão da Organizações. 4ª Edição. Rei dos Livros.

### Teaching and learning methods

Case studies; Subject explanation; Exploring practical capabilities.

### Assessment methods

1. Alternative A - (Regular, Student Worker) (Final, Supplementary)
  - Final Written Exam - 50% (Minimum score 7/20 values)
  - Practical Work - 50% (Analysis of scientific papers.)
2. Alternative B - (Regular, Student Worker) (Final, Supplementary, Special)
  - Final Written Exam - 100%

## Language of instruction

1. Portuguese
2. English

## Electronic validation

Luís Carlos Magalhães Pires	Joaquim Agostinho Mendes Leite	Paula Odete Fernandes	José Carlos Rufino Amaro
11-10-2023	11-10-2023	11-10-2023	20-10-2023