

Course Unit	Advanced Topics in Management		Field of study	Management	
Master in	Management - Public Management		School	School of Technology and Management	
Academic Year	2022/2023	Year of study	1	Level	2-1
Type	Semestral	Semester	1	ECTS credits	6.0
Code	5009-518-1101-00-22				
Workload (hours)	162	Contact hours	T -	TP 42	PL -
			TC -	S 3	E -
			OT -	O -	

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) Paula Odete Fernandes, Ana Sofia Cardim Barata, Sandra Herminia Cardoso Oliveira

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

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04-10-2022	28-10-2022	04-11-2022