



Course Code ENMA-530	Course Title Managing Engineering Teams	ECTS Credits 7.5
Prerequisites None	Department Management & MIS	Semester Fall, Spring, Summer
Type of Course Core	Field Engineering Management	Language of Instruction English
Level of Course 2 nd Cycle	Lecturer(s) Dr Epaminondas Epaminonda	Year of Study 1 st
Mode of Delivery Face to Face	Work Placement N/A	Co-requisites None

Objectives of the Course:

The main objectives of the course are to:

- Introduce engineering students to the concepts of management
- Introduce engineering students to main theoretical concepts relating to teams
- Apply the above concepts specifically in managing engineering teams
- Improve students' skills in analyzing data for the purpose of resolving issues directly related to managing engineering teams
- Develop a range of transferable skills, including communication, problem-solving, researching and writing

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Name and analyze the four functions of management
2. Understand key characteristics of engineering teams
3. Discuss how management concepts may be applied in managing engineering teams
4. Appreciate that change is continuous and an important aspect of management
5. Discuss the importance of culture on managing
6. Analyze cases, identify relevant management concepts and evaluate their relevance in answering stated questions
7. Work collaboratively and effectively in groups
8. Conduct research, analyze findings and write reports
9. Present ideas concisely and effectively

Course Contents:

- | |
|--|
| <ol style="list-style-type: none"> 1. Introduction to Management 2. Planning 3. Organizing 4. Leading 5. Controlling 6. Communication 7. Engineering teams: Definition, Development, Goals, Roles, Conflict, Decision Making 8. Facilitating meetings 9. Culture and management |
|--|

Learning Activities and Teaching Methods:

PowerPoint Lectures, Class Discussion, Practical Exercises, Group Activities, Research and Writing
--

Assessment Methods:

Assignments, Final Exam

Required Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Management	Stephen Robbins, Mary Coulter	Prentice Hall	2014	978-0133254099

Recommended Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Leading and Managing Engineering and Technology: Developing Leaders and Managers	Gerard H. (Gus) Gaynor	IEEE-USA	2011	
Link: http://www.ieeeusa.org/communications/ebooks/files/sep14/n2n802/Leading-and-Managing-Engineering-and-Technology-Book-2.pdf				