



Course Code OGEE-543	Course Title Project Management	ECTS Credits 7.5
Prerequisites None	Department Engineering	Semester Fall, Spring
Type of Course Elective	Field Oil, Gas and Energy Engineering	Language of Instruction English
Level of Course 2 nd Cycle	Lecturer(s) Dr Marios Valiantis	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:

- Promote an understanding of the key principles, concepts and strategies of project management
- Examine the broad project environment and apply project management tools and techniques to a real oil and gas project

Learning Outcomes:

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

1. Understand the common issues that arise in different projects.
2. Develop detailed project plans and schedules
3. Practice project management tools and techniques.
4. Critically review the project life-cycle phases, processes, tools and techniques and the broader environment in which projects take place.
5. Discuss the issues involved in the development of project planning and control activities, including anticipating and assessing environmental impacts in the earliest stages of project planning.
6. Understand how to avoid some of the common problems that arise in project management.

Course Contents:

- Project Management Overview
- Requirements gathering and analysis
- Project planning
- Microsoft Project Software
- Work Breakdown Structure (WBS)
- Creating a Task List
- Setting Up and Allocate Resources

- Risk Assessment
- Assigning Resources to Tasks
- Monitoring & Controlling
- Tracking Progress on Tasks

Learning Activities and Teaching Methods:

Lectures, In-class exercises, In-class discussions and homework

Assessment Methods:

Assignments, mid-term exam, final exam

Required Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Foundations of energy risk management: an overview of the energy sector and its physical and financial markets.	Global Association of Risk Professionals (GARP)	Hoboken: John Wiley Ebook	2009	
Project Management: a contemporary approach	Kloppenborg T.J.	Mason, OH: South-Western Cengage Learning	2009	
Painless Project Management: a step-by-step guide for planning, executing and managing projects	McGhee P. and McAliney P.	Chichester: Wiley Ebook	2007	