



Course Code OGEE-543DL	Course Title Project Management	ECTS Credits 7.5
Department Engineering	Semester Fall, Spring	Prerequisites None
Type of Course Elective	Field Oil, Gas and Energy Engineering	Language of Instruction English
Level of Course 2 nd Cycle	Year of Study 1 st /2 nd	Lecturer(s) Dr Marios Valiantis
Mode of Delivery Distance Learning	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:

- Understand the common issues that arise in different projects.
- Develop detailed project plans and schedules
- Practice project management tools and techniques.
- Critically review the project life-cycle phases, processes, tools and techniques and the broader environment in which projects take place.
- 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.
- 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, Online Questions, Projects, Discussion

Assessment Methods:

Assignments, Online Exercises, Final Exam

Required Textbooks/Reading:

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