



<b>Course Code</b> MGT-465	<b>Course Title</b> Project Management for the Energy Sector	<b>ECTS Credits</b> 6
<b>Department</b> Management and Information Systems	<b>Semester</b> Fall / Spring	<b>Prerequisites</b> None
<b>Type of Course</b> Business Requirements	<b>Field</b> Energy, Oil and Gas Management	<b>Language of Instruction</b> English
<b>Level of Course</b> Undergraduate	<b>Year of Study</b> 4 <sup>th</sup>	<b>Lecturer(s)</b> Dr Costas Konis
<b>Mode of Delivery</b> face-to-face	<b>Work Placement</b> N/A	<b>Co-requisites</b> None

### **Objectives of the Course:**

- To promote an understanding of the key principles, concepts and strategies of project management.
- To examine the broad project environment and apply project management tools and techniques to a real energy 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 Content:**

1. Project Management Overview
2. Requirements gathering and analysis
3. Project planning
4. Microsoft Project Software

5. Work Breakdown Structure (WBS)
6. Creating a Task List
7. Setting Up and Allocate Resources
8. Risk Assessment
9. Assigning Resources to Tasks
10. Monitoring & Controlling
11. Tracking Progress on Tasks

**Teaching Methods:**

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

**Assessment Methods:**

Assignments, mid-term exam, final exam

**Required Textbooks:**

<b>Authors</b>	<b>Title</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>
	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	Kloppenborg T.J.
McGhee P. and McAliney P.	Painless Project Management: a step-by-step guide for planning, executing and managing projects	Chichester: Wiley Ebook	2007	McGhee P. and McAliney P.