



Course Code OGEE-590	Course Title Internship	ECTS Credits 7.5
Prerequisites Approval by the Department	Department Engineering	Semester Fall, Spring, Summer
Type of Course Elective	Field Engineering	Language of Instruction English
Level of Course 2 nd Cycle	Lecturer(s) Dr Constantinos Hadjistassou	Year of Study Any year (preferably during the summer term)
Mode of Delivery Work Placement	Work Placement Oil, Gas, Energy, Utility companies, etc. (150 - 180 hours)	Co-requisites None

Objectives of the Course:

The main objectives of the course are to:

- Provide real world work experience to the students;
- Allow the students to explore different work options and career paths;
- Provide specific to targeted company training to the students;
- Allow the students to interact with professional engineers and gain from their experience;
- Give the companies the opportunity to assess the knowledge and capabilities of students;
- Establish communication between students and companies creating potential employment opportunities;
- Establish communication between companies and the department for further collaboration in training and research.

Learning Outcomes:

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

1. Demonstrate knowledge for a subject relevant to the undergone internship;
2. Understand professional operations and activities;
3. Explain regulations and legal obligations related the internship subject;
4. Describe the company's process and comment on their efficiency.
5. Understand the market needs and potential;
6. Understand the employers' expectations and demands;
7. Acquire further actions to enrich his/her academic and professional profile to match the market requirements;

8. Be able to extend his/her theoretical knowledge in a practical extent for the majority of the courses taken at the University.

Course Contents:

- Professional Activities relevant to Oil, Gas & Energy Engineering such as, but not limited to, exploration and drilling activities, geology, geophysics, oil & gas field development, hydrocarbon production, asset decommissioning, environmental impact assessments, oil & gas trading, marketing of petroleum products, power generation, petroleum economics, regulatory frameworks, pipeline networks, geomechanics, electrical and hydraulic systems, reservoir analysis, reserves estimation, etc.
- Practical experience with professional equipment not available at the University;
- Laboratory work at an industrial level;
- Joint projects developed between a company and the University.

Learning Activities and Teaching Methods:

Laboratories, projects (participate or witness), discussions, trainings, seminars, collaborative work with professionals, meetings (participate or witness).

Assessment Methods:

During the internship, students are expected to keep a daily log-book recording day-to-day activities, clearly reporting their involvement. The log-book will be verified weekly by the student supervisor in the company, monitored and approved by the faculty member responsible for the internship.

After the completion of the internship, the student will submit an analytical report related to his/her work that will include a description of the internship, his feedback on the experience, the logbook as well as a report by the company. The student will be required to present his/her experiences, during a seminar organized by the department.

Required Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Conquering Your Engineering Internship: Planning, Getting, And Making The Most Of An Internship Or Coop	John M. P. Knox	Createspace	2008	1438207999
Books and other material may be				

provided by the host organization.				
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