

## Master Thesis Brief Description

---

<b>Thesis Title</b>	<b>Design of Offshore Drilling Process</b>
<b>Programme of Studies</b>	MSc in Oil and Gas and Offshore Engineering
<b>Course</b>	MOE 518 Master Thesis
<b>Area of Study</b>	Processes Modelling and Simulation
<b>Student's Name</b>	Antonis Kalogirou
<b>Students Reg. Number</b>	8122
<b>Supervisor</b>	Dr.-Ing. Paris A. Fokaides, V. Lecturer, Civil Engineering Department
<b>Supervisory Committee</b>	Dr Chris Christodoulou, Professor, Mechanical Engineering Department Dr Antonis Papadakis, Ass. Professor, Electrical Engineering Department
<b>Semester</b>	Spring Semester 2015
<b>Short Description</b>	Drilling a quality well at the lowest cost and being able to select best available drilling procedures to ensure safety of the drilling crew and rig consist a major challenge in oil and gas exploration. The overall objective of this thesis was to design the drilling process of an offshore field. The cases study oil field was chosen to be in North Sea, where the offshore drilling there is in high level of quality and also there Are plenty of geological and technical data from nearest wells.