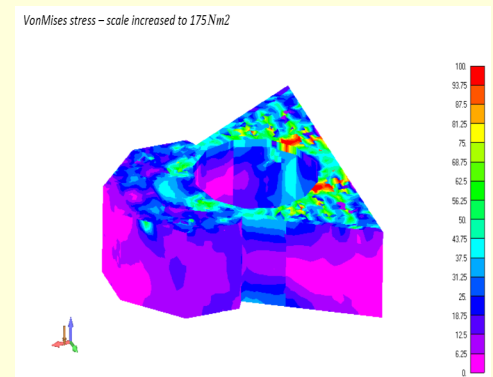


Stage 1: Basic Short Course — Facilities (2Days)

About the course:

The course focuses on the concept of effective well construction, and aims to develop high levels of professional skill in the key areas of well design, drilling and operations management.



Aims of Module:

This module aims to develop an ability to identify and appraise the requirement for various components of surface and subsea petroleum production facilities and, working with other specialists as necessary, the ability to optimize the design and performance of both the individual components and the full system over the life-cycle of the facility.

Who should attend?

Typical students include those working in oil and gas companies, energy companies, national oil companies, engineering firms and project service companies. Graduates of MSc Drilling and Well Engineering are now employed in every oil producing area of the world and work for many of the oil majors and drilling contractors.

Indicative Module Content:

- Fluid Processing
- Hardware
- Measurement and Control
- Field Development
- Integrity Management
- Decommissioning

Why attend?

On completion of this module, students are expected to be able to:

1. Evaluate the selection and combination of components for production facilities, either onshore, offshore or sub-sea.
2. Describe and compare operational, maintenance, and safety systems for production facilities.
3. Use appropriate design methods for the selection and sizing of components for production facilities.
4. Evaluate decommissioning options and techniques by applying relevant decommissioning legislation.