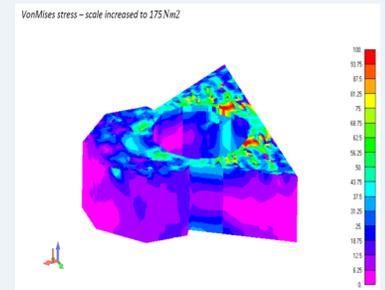


Stage 1: Basic Short Course — Business Essentials (2Days)



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.

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.

Aims of Module:

To develop an understanding of safety and environmental processes and legislations relevant to the Oil and Gas Industry. To develop behavioral skills and an initial understanding of team working and project engineering processes.

Why attend?

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

1. Describe basic safety and environmental evaluation and management processes and exemplar legislation.
2. Appraise and discuss the fundamentals of project engineering and planning in the context of the oil and gas industry.
3. Discuss the concepts of risk and risk evaluation as applied to engineering tasks.
4. Demonstrate an understanding of business economics and project finance.
5. Demonstrate an understanding of the concepts of human behaviour and of basic psychological models.

Indicative Module Content:

- Health, safety and environmental system principles, processes and management.
- Safety management systems, roles and responsibilities of participants. Development of a safety culture.
- Project engineering and planning. Costs and CTRs.
- Introduction to Team working, role and responsibilities of project manager and team members. Types of team players, group dynamics.
- Psychological models, behavioural styles and type assessment.
- Communication, report writing, listening and coaching skills.
- Understanding of uncertainty, risk and risk evaluation processes.
- Risk mitigation processes and strategies.
- Introduction to project planning, understanding of motivation, conflict resolution.
- Business process and economics. Profit and Loss. Financial valuation and accounting. NPV and related concepts.
- Analysis of project failures and disasters, identifying key lessons to be learned.
- Knowledge Management.