



APPLIES TO ACADEMIC YEAR 2005/2006

GRA 5911 Petroleum Economics and Administration

Program

Master of Science in Business, Master of Science in Management, Specialization Course

Responsible for the course

Øystein Noreng

Department

Leadership and Organizational Management

Term

According to study plan

ECTS Credits

6

Objective

The course aims at giving students a comprehensive introduction to oil, gas and energy economics, including the policy and institutional framework. The course will also treat OPEC, oil trading and oil price formation, North Sea oil policies, the European natural gas market and EU - Norway energy relations.

Prerequisites

None

Compulsory literature

Collection(s) of articles:

Compendium, collection of Articles and Hand-outs

Recommended literature

Books:

Noreng, Øystein. 2002. Crude power: Politics and the oil market.

Course outline

- The oil market and the petroleum industry
- Oil industry history
- OPEC and oil industry organization
- Characteristics of the offshore market
- The concessionary system
- Fiscal framework
- Petroleum taxation
- Price formation
- Economic rent
- North Sea policies and frameworks
- The international markets for oil and gas
- Demand/supply
- Risk diversification, integration, specialization, privatization, mergers and outsourcing
- The European natural gas market and EU

Computer-based tools

No computer-based tools are used in this course. Blackboard/homepage

Course structure

36 hours of lecture

Evaluation

A three hour written exam and a term paper, each weighing 50 %.

Evaluation code(s)

GRA59114 (100%)

Aids at the examination

Financial calculator, BP Statistical Review of World Energy (<http://www.bp.com>)

Makeup exam

Re-takes are only possible at the next time a course will be held. When course evaluation consists of class participation or process elements, the whole course must be re-evaluated when a student wants to retake an exam. Retake examinations entail an extra examination fee.