



APPLIES TO ACADEMIC YEAR 2007/2008

GRA 3154 International Perspectives on innovation

Program

Master in Innovation and Entrepreneurship, Specialization Course

Responsible for the course

Knut Sogner, Sverre Christensen

Department

Innovation and Economic Organisation

Term

According to study plan

ECTS Credits

6

Language of instruction

English

The objective of the course is to show how different perceptions on *innovation* has evolved as a result of theoretical, academic, technological, industrial, economic and political development. And how the international development has effected Norway

Objective

The ambition is that the historical approach will give the students a broad and vigorous understanding of the field of innovation. On this background the course give a thorough description of the Norwegian innovation system, with a particular focus on how the reliance on natural resources and the maritime sector has influenced the system. Finally, the course will discuss how the so called *Nordic model* has contributed to a high ability of adaptation and transformation, for instance by use of new technological in the Norwegian innovation system.

Prerequisites

A bachelor degree qualifying for entrance to the master program in innovation and entrepreneurship.

Compulsory literature

Books:

Bjørnstad, Stein. Forthcoming. Innovating for the oil industry: emergence of a supplier industry at Kongsberg, 1975-2005. Forthcoming

Christensen, Sverre A. 2006. Switching Relations: The rise and fall of the Norwegian telecom industry. Oslo : BI Norwegian School of Management

Fagerberg, Jan ; David C. Mowery and Richard R. Nelson, eds. 2005. The Oxford Handbook of Innovation. Oxford : Oxford University Press

Galbraith, John Kenneth. 1967. The New Industrial State,. Penguin Books

Servan-Schreiber, Jean-Jacques. 1968. The American Challenge. London: Penguin Books

Articles:

Sogner, Knut. Forthcoming. Slow growth and revolutionary change. The Norwegian IT-industry enters the global age, 1970-2005. Forthcoming

Other:

X. Selected articles

Recommended literature

Course outline

Wave theories

Theories on innovation and systems of innovation

"The American challenge"

The Norwegian innovation system

The Nordics model

Computer-based tools

Standard, Blackboard/homepage

Course structure

24 hours divided into regular lectures and workshops including paper presentations.

Specific information regarding any aspect of student evaluation will be provided in class. Please note that whilst attendance is not compulsory, it is the students responsibility to obtain any information provided in class that is not included on the course homepage/Blackboard or text book.

Evaluation

Your course grade will be based on the following activities and weights:

20 % class work (in the form of a mix of some/ all of the following: hand in of paper, projects, and homeworks; case presentations and class participation). 80% 3 hour written final exam.

Evaluation code(s)

GRA 31541 accounts for 100% of the final grade in the course GRA 3154.

Aids at the examination

Bilingual dictionary

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 me re-evaluated when a student wants to retake a exam. Retake examinations entail an extra examination fee.

Honor Code

Academic honesty and trust are important to all of us as individuals, and represent values that are encouraged and promoted by the honor code system. This is a most significant university tradition. Students are responsible for familiarizing themselves with the ideals of the honor code system, to which the faculty are also deeply committed.

Any violation of the honor code will be dealt with in accordance with BI's procedures for cheating. These issues are a serious matter to everyone associated with the programs at BI and are at the heart of the honor code and academy integrity. If you have any questions about your responsibilities under the honor code, please ask.