



APPLIES TO ACADEMIC YEAR 2014/2015

GRA 8217 Logistics and Port Management

Programme

Executive MBA 2014/2015 - Maritime Offshore track

Responsible for the course

Cathrine Bjune

Department

Department of Accounting - Auditing and Law

Term

According to study plan

ECTS Credits

2

Language of instruction

English

Introduction

The course will target relevant topics related to port and logistics challenges within the offshore industries, including terminals, ports and facilities used for supply vessels, anchor handling vessels and oil and energy shipping. Shipping related to oil and gas offshore generally requires a better infrastructure and on land investments than pure "port to port shipments". Maritime transport is the backbone of international trade and a key driver in globalization. Most raw materials and manufactured goods are carried by sea. Ports are vital interfaces between sea and land, and require specialized competence and equipment depending on the cargo and ship to be used. Ports may be more or less specialized and, and in different sizes and drafts, and they are gateways for international freight transport, but also locations for economic activities that are directly or indirectly related to the business of handling ships and goods, such as (petro-)chemical industries, warehouses, financial and legal services, logistics, trade, head quarters of companies in transport and logistics. Energy shipping raises particular issues, especially with regard to the shipment of oil and Lng and Lpg - the latter transports growing in numbers but lacking appropriate infrastructure in many part of the world.

Learning outcome

After completing the course the students should be able to understand the concept of supply chain management and port logistics and the interface between the two.

The students should be able to:

- Understand the concept of supply chain management in shipping and offshore and how this can be optimized
- To understand how shipping activities contribute in supply chains, with a focus on shipments of oil and gas and offshore related activities.

Reflection:

After completing the module, the students will be able to reflect on the challenges associated with shipping and offshore related logistics and port issues, and to apply appropriate methods for solving these. The students will be able to apply logistics and supply chain The module explain the functioning and management of maritime shipping, international supply chains, as well as the port as a large and dynamic complex of companies and processes. The relationship between port and regional economic development will be addressed.

Prerequisites

Granted admission to the EMBA programme.

Compulsory reading

Books:

Dong-Wook Song and Photis M. Panayides. 2012. Maritime logistics. Kogan Page Limited

Articles:

Lam, J.S.L. and Yap W.Y. 2011. Dynamics of liner shipping network and port connectivity in supply chain systems: analysis on East Asia. Journal of Transport Geography, Vol. 19(6), pp. 1272–1281

Journals:

Brooks, M. and Cullinane, K.(eds.) 2007.. 2007. Devolution, Port Governance and Port Performance. Research in Transportation Economics, Volume 17,. Elsevier

Recommended reading

Books:

Chopra & Meindl. 2012. Supply Chain Management – Strategy, Planning & Operations (5th Edition), Pearson Prentice Hall.. 2012. Supply Chain Management – Strategy, Planning & Operations (5th Edition). Pearson Prentice Hall. Recommended reading

Course outline

The course covers:

Basic aspects of supply chain management
Port management
Supply chains in shipping and offshore
Port management
The important decision points for shipping in a supply chain perspective

Computer-based tools

It's Learning

Learning process and workload

1 ECTS credit corresponds to a workload of 26-30 hours.

Attendance to all sessions in the course is compulsory. If you have to miss part(s) of the course you must ask in advance for leave of absence. More than 20% absence in a course will require retaking the entire course. It's the student's own responsibility to obtain any information provided in class that is not included on the course homepage/ It's learning or other course materials

Examination

The course evaluation will be based on:

- 2 hours written exam, counting 70 %
- Class participation, counting 30 %

This is a course with continuous assessment (several exam elements) and one final exam code. Each exam element will be graded using points on a scale (e.g. 0-100). The elements will be weighted together according to the information in the course description in order to calculate the final letter grade for the course.

Specific information regarding student evaluation beyond the information given in the course description will be provided in class. This information may be relevant for requirements for term papers or other hand-ins, and/or where class participation can be one of several elements of the overall evaluation

Examination code(s)

GRA 82171 - Continuous assessment; accounts for 100 % to pass the program GRA 8217, 2 ECTS credits

The course is a part of a full Executive Master of Business Administration Program and all evaluations must be passed to obtain a certificate for the degree.

Examination support materials

Simple calculator. Exam aids at examinations are explained under exam information in our web-based Student handbook. Please note use of calculator and dictionary. <http://www.bi.edu/studenthandbook/examaids>

Re-sit examination

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

Additional information