



APPLIES TO ACADEMIC YEAR  
2001/2002

## MAD 2114 Logistics management

### Program

Associate Degree Program in Trade and Retail Management, Foundation Program in Marketing and Internationalization, Foundation Program in Marketing Communication, The Associate Degree Program in Business Administration

### Responsible for the course

Eirill Bø

### Department

Logistics

### Term

Fall or spring. Contact your local college for more information.

### ECTS Credits

6

Logistics is concerned with the physical and administrative processes associated with acquisition, handling, storage, transportation and delivery of finished goods, raw materials and equipment. The logistics processes operate across the traditional internal function areas of companies and include both suppliers and customers. These processes and how they are carried out are vital both for competitive ability and profitability.

Logistics as a discipline has evolved from a situation in which the main focus was on a reduction of costs in some areas to an emphasis on overall considerations based on internal integration in companies and through collaboration between suppliers and customers. One important reason for the major interest in the topic is the fact that the logistics process for nearly all companies in all lines of business is a crucial instrument in obtaining competitive advantages through improved customer service and cost effectiveness.

### Objective

After having completed the course the students shall have gained a basic understanding of the current contents of the logistics concept and how it has evolved. They should have gained knowledge about the flow of goods through purchases, warehouse management, production management and physical distribution. They will also obtain a strategic perspective of the subject through issues such as the environment, e-commerce and interorganisational relations.

### Prerequisites

No particular prerequisites.

### Compulsory literature

Bjørnland, Dag, Göran Persson and Helge Virum, eds. 2001. *Business Logistics Management*. Oslo: Gyldendal Akademisk.

Persson, Göran and Helge Virum, eds. 2001. *Logistikk for konkurransekraft: Arbeidshäfte*. 6th ed. Oslo: Gyldendal Akademisk.

### Recommended literature

None.

### Course outline

1. Introduction to the logistics concept - scope and development of the subject area.
2. Importance of supply service for the customer. How can supply service be measured?
3. The importance of distribution and transportation for the company and for the value chain.
4. Planning of purchasing and storage production.
5. Logistics as competitive strategy.
6. The importance of logistics for the environment.
7. The impact of information technology on the environment.

8. What are the leading logistics companies doing?

**Computer-based tools**

Computer-based tools will not be used in this course

**Course structure**

The course consists of 42 hours, consisting of teaching and exercises.

**Evaluation**

At the end of the course there will be a three-hour written examination.

**Evaluation code(s)**

MAD 21141 - written exam, counts 100% of the grade in MAD 2114, 2 credits

**Aids at the examination**

Non-programmable calculator that cannot store text and/or alphanumeric characters.

**Makeup exam**

A makeup exam is held in every term.