



# HÖGSKOLAN I GÄVLE

## Strategies and Principles for Effective Logistics Management

**6cr**

*Strategier och principer för effektiv logistik 6hp*

Set by Faculty of Engineering and Sustainable Development

**Version**

**Set at**

**Valid from**

10/8/14

**HT2015**

<b>Level</b>	A1N
<b>Education level</b>	Second cycle
<b>Course identifier</b>	IEA008
<b>Credits</b>	6cr
<b>Main field of study</b>	Industrial Economics
<b>Subject group</b>	Industrial Engineering and Management
<b>Disciplinary domain</b>	Technology 100.0%

**Learning outcomes**

This course is based on an integrated view of Logistics Management, Marketing and ICT (Information and Communication Technology) and the purpose of the course is to increase the participants' knowledge about and an in-depth understanding of strategies and principles for effective and efficient logistics both in theory and practice. This is based on the latest developments within the Logistics Management research area and their applications in the business environment.

After completion of the course, the student shall be able to

Knowledge and understanding

1. show knowledge about the latest methods, principles and strategies in effective logistics, and challenges companies are facing when applying these.
2. understand and explain the interaction between logistics, marketing and ICT

Competence and Skills

3. describe and apply logistics methods, strategies and principles on an organisation

- Judgment and approach
4. critically evaluate methods that are used in logistics
  5. critically assess ethical and societal trade-offs in logistics
  6. write a scientific report on strategies and principles for effective logistics, where theory is compared to a real case.

<b>Course content</b>	<p>The interaction between Logistics Management, Marketing and the role of ICT in the interaction</p> <p>The development within the application of Logistics Management and driving forces within this, based on current research</p> <p>Strategies, concepts and principles for effective logistics such as design of supply chains, separation and consolidation of the logistics flow of goods, decoupling points, integration of functions, postponement, specialisation and centralisation, Merge-In-Transit, Third and Fourth party Logistics, Time Based distribution and how these lead to more effective logistics</p>			
<b>Teaching</b>	<p>Lectures</p> <p>Case-lectures and visits alternatively own empirical study</p> <p>Supervision of group projects containing literature studies and empirical studies of logistics in practice</p> <p>Seminars with oral presentation and opposition</p>			
<b>Prerequisites</b>	<p>Bachelor Degree in Industrial Engineering and Management or equivalent and at least 15 cr in Supply Chain management and/or Logistics Management or equivalent</p>			
<b>Examination</b>	<p>Individual and group assignments, oral presentations of assignments, opposition and active participation in seminars.</p>			
<b>Grade</b>	<p>A, B, C, D, E, Fx, F</p>			
<b>Other regulations</b>	<p>Criteria for final grade will be handed out at the beginning of the course.</p>			
<b>Sustainable environment</b>	<p>A minor part of the course content deals with sustainable development.</p>			
<b>Module</b>				
	0010	Short paper and participation in seminars	2.5cr	Grade: AF
	0020	Logistics methods exercise, with written report	1cr	Grade: AF
	0030	Course paper and participation in final seminar	2.5cr	Grade: AF