



COURSE SYLLABUS

Purchasing, 7.5 credits

Inköp, 7,5 högskolepoäng

Course Code: TIKN10	Education Cycle: First-cycle level
Confirmed by: Dean Jun 1, 2020	Disciplinary domain: Technology
Revised by: Director of Education Jun 28, 2022	Subject group: IE1
Valid From: Aug 1, 2022	Specialised in: G2F
Version: 3	Main field of study: Industrial Engineering and Management

Intended Learning Outcomes (ILO)

After a successful course, the student should

Knowledge and understanding

- display knowledge of purchasing logistics and its role in an industrial setting, including knowledge regarding the basic terminology, methods and models and be familiar with current research
- demonstrate comprehension of the design, planning and management of materials and information flow, with focus on purchasing and logistics

Skills and abilities

- demonstrate the ability to design, plan and manage materials and information flows by making conscious decisions regarding the employed purchasing strategy
- be capable of searching, finding, gathering, evaluating and making a critical interpretation of purchasing related information
- demonstrate the ability to independently identify, formulate and analyze purchasing issues
- demonstrate the ability to independently plan, carry out and summarize in a written report a purchasing related analysis
- demonstrate the ability to put acquired knowledge into practice and show an understanding of the purchasing profession

Judgement and approach

- demonstrate the ability to suggest and compare different alternatives for designing, planning and managing materials flow with focus on purchasing while considering the consequences and risks associated with the alternatives
- demonstrate the ability to judge sustainability aspects of purchasing, supplier relations and transportations
- demonstrate the ability to apply an interdisciplinary approach and a systems perspective

Contents

The aim of this course is to give advanced knowledge of logistics from a purchasing and supply chain management perspective. The focus is on the purchasing function's importance for the company result.

The course includes the following elements:

- Purchasing and strategic sourcing
- Initiate supplier relations: define needs, specify and document
- Assess supplier portfolio, select suppliers
- Prepare negotiations
- Delivery and payment terms and contract management
- Supplier relations
- Sustainability and Corporate social responsibility (CSR)
- Purchase orders, performance measurements (KPIs), and supplier evaluation
- Supplier development process

Type of instruction

The course work consists of, but is not limited to, seminars and assignments.

The teaching is conducted in English.

Prerequisites

General entry requirements and completed courses worth 60 credits in first cycle including Logistics Engineering, 7,5 credits or Enterprise Logistics, 15 credits (or the equivalent).

Examination and grades

The course is graded 5,4,3 or Fail.

The final grade will only be issued after satisfactory completion of all assessments.

Registration of examination:

Name of the Test	Value	Grading
Examination ¹	4 credits	5/4/3/U
Course work	3.5 credits	U/G

¹ Determines the final grade of the course, which is issued only when all course units have been passed.

Course literature

The literature list for the course will be provided 8 weeks before the course starts.

Title: Procurement and Supply Chain Management, 8th Ed.

Author: Arjan J. van Weele and Frank Rozemeijer

Publisher: Cengage

ISBN: 978-1-4737-7911-2