



HÖGSKOLAN I GÄVLE

Operations Strategy 7.5 cr

Produktionsstrategi 7,5 hp

Set by Faculty of Engineering and Sustainable Development

Version

Set at

Valid from

5/23/19

HT2019

Level	G1F
Education level	First cycle
Course identifier	IEG309
Credits	7.5 cr
Main field of study	Industrial Economics
Subject group	Industrial Engineering and Management
Disciplinary domain	Technology 100.0 %

Learning outcomes

After completion of the course the student shall be able to

1. state the strategic management process within industrial companies
2. state and analyse business level strategies within industrial companies
3. state and present the dimensions of the general environment facing a manufacturing firm and how this environment can affect a firm's opportunities and threats
4. identify, evaluate and present the competitive implications of a manufacturing firm's resources and capabilities
5. identify the competitive priorities of the operations function, and analyse key decision areas of operations strategy
6. present, discuss and communicate relevant issues and challenges in operations strategy and related current research
7. critically review and analyse the concept of Lean production concerning improvement strategy.

Course content

The strategic management process
Evaluation of a firm's external environment
Evaluation of a firm's internal capabilities
Business level strategies
General manufacturing strategy

Operations strategies, content and process
 Competitive priorities of the operations function
 Formulation and implementation of operations strategy
 Monitoring and controlling of operations strategy
 Outsourcing
 Lean production
 Introduction to global production networks

Teaching Lectures, literature seminars, practical work and supervision of project work

Prerequisites Industrial organisation 7.5 cr, Total Quality Management 7.5 cr, Work Science and Environmental Technology 7.5 cr and Manufacturing Logistics 7.5 cr or equivalent

Examination Written examination, project work, literature seminars, practical work and reflection papers
 Module 0010 Written examination 4 cr, examines learning outcomes 1-7, grades A-F
 Module 0020 Project work 2cr, examines learning outcomes 3-5, grades Pass with distinction, Pass, Fail
 Module 0030 Literature seminars including reflection papers 1cr, examines learning outcome 6, grades Pass with distinction, Pass, Fail
 Module 0040 Practical work 0,5 cr, examines learning outcome 7, grades Pass with distinction, Pass, Fail

Grade A, B, C, D, E, Fx, F

Other regulations Degree Criteria for final grade will be given by course responsible or examiner latest at the beginning of the course.

Sustainable environment A minor part of the course content deals with sustainable development.

Module

0010	Written examination	4 cr	Grade: AF
0020	Project work	2 cr	Grade: UV
0030	Literature seminars including reflection papers	1 cr	Grade: UV
0040	Practical work	0.5 cr	Grade: UG