



Faculty of Arts and Social Science
Business Administration

Syllabus

Operations Management

Course Code:	IEGB01
Course Title:	Operations Management <i>Operations Management</i>
Credits:	3
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has less than 60 credits in first-cycle course/s as entry requirements (G1F)

Major Field of Study:
IEA (Industrial Management)

Course Approval

The syllabus was approved by the Faculty of Arts and Social Science 2015-08-10, and is valid from the Spring semester 2016 at Karlstad University.

Prerequisites

Admission to the Engineering Master's programme TACBR at Karlstad University and industrial management 30 ECTS cr

Learning Outcomes

Upon completion of the course, students should be able to:

- demonstrate understanding of the strategies of industrial management that contribute to sustainable corporate and societal development,
- give an account of basic concept in industrial management,
- apply quantitative calculation models and mathematical models for controlling projects, production, quality and flow of goods and demonstrate understanding of their use,
- identify and solve quality and capacity related problems in a business system within given time limits.

Content

The course deals with various models for analysing and supporting operative decisions in industrial management. Problems treated have different time perspectives, ranging from strategic decisions of long-term consequences to the daily run of operations. The emphasis is on the short-term decisions regarding production and distribution. Business systems are treated in laboratory sessions in terms of their structure and use.

Reading List

See separate document.

Examination

Assessment is based on individual and group hand-in assignments, presented and discussed in mandatory seminars.

Grades

One of the grades Pass with Distinction (5), Pass not without Distinction (4), Pass (3), or Fail (U) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor's and Master's levels at Karlstad University stipulate the obligations and rights of students and staff.