

Operations management, 7,5 HE credits

Produktionsledning, 7,5 hp

Established: 2019-06-26

Established by: Department of Engineering Science

Applies from: H19

Learning outcomes

Knowledge and understanding

After taking the course, students should:

- demonstrate knowledge of the history and scientific basis of manufacturing engineering
- demonstrate knowledge of corporate strategies and operations
- demonstrate an understanding of how improvement work is organised
- demonstrate an understanding of how various negotiating and communication techniques affect the business.

Skills and abilities

After taking the course, students should:

- be able to describe the various levels of planning and control of production
- demonstrate the ability to make reasoned choices of strategies for planning and control
- demonstrate ability to assess planning tools and analyse their impact on operations
- demonstrate ability to orally and in writing to analyse and discuss real "cases" with regard to operation, organisation and communication.

Values and attitudes

After taking the course, students should:

- demonstrate an understanding of change processes importance for people and organisations
- demonstrate an understanding of the relationship between work organisation and people in the organisation
- be able to assess and discuss corporate social responsibility, environmental and sustainability efforts.

Entry requirements

At least 90 credits within one of the main fields, mechanical engineering, industrial engineering or other relevant field, with at least 15 credits G2E (thesis). Verified knowledge of English corresponding to the course English B/English 6 in the Swedish Upper Secondary School or equivalent

The forms of assessment of student performance

Seminars in groups with written individual preparation and assessment of individual oral argumentation. Written individual home examination. Written individual examination.

Other regulations

Course grading: F/Fx/E/D/C/B/A - Insufficient, Insufficient- more work required before the credit can be awarded, Sufficient, Satisfactory, Good, Very Good, Excellent

Course language: The teaching is conducted in English.

General rules pertaining to examination at University West are available at www.hv.se.

If the student has a decision/recommendation on special support due to disability, the examiner has the right to examine the student in a customized examination form.

Cycle

Second cycle

Progressive specialization

A1N - second cycle, has only first-cycle course/s as entry requirements

Main field of study

Mechanical Engineering, Production Technology