

Robot Certificate, 1,5 HE credits

Robotkörkort, 1,5 hp

Established: 2019-06-26

Established by: Department of Engineering Science

Applies from: H19

Learning outcomes

On completion of the course shall the student show:

- depth knowledge and understanding of how robot systems are programmed on-line
- demonstrate a responsible approach to machine and robot safety
- to defend the introduction of robotic safety in an automation solution
- ability to interpret and evaluate the risk assessments according to standards.

Entry requirements

Completed course requirements of 120 credits, including 90 credits in Electrical Engineering, Computer Engineering, or Mechanical Engineering or equivalent.

The forms of assessment of student performance

A written individuell exam and laboration works in groups with individuell evaluation.

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

Automation, Mechanical Engineering, Production Technology