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 - Failed, Failed, Sufficient, Satisfactory, Good, Very good, Excellent
Course language: English

General rules pertaining to examination at University West are availible 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
COURSE SYLLABUS

Course code: RBK600