Robotic Systems, 6 HE credits

Robotsystem, 6 hp

Established: 2018-12-21
Established by: Department of Engineering Science
Applies from: H19

Learning outcomes
The student shall demonstrate knowledge and understanding by:

- describing various basic concepts and techniques in the field robotic systems
- listing different advantages and disadvantages of using robots in industrial applications
- describing the function and structure of an industrial robot
- manage and to some extent to program an industrial robot system

Entry requirements
Minimum 120 HE credits from a bachelor program including 90 HE credits in electrical, computer science or mechanical engineering or similar fields and RBK600 Robot certificate, 1,5 HE credits.

The forms of assessment of student performance
A written individual classroom exam.
An approved project and approved laboration work in groups with individual

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 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