COURSE DESCRIPTION

Course code: MAP14KT02, PRE14KT02

Course name: 3D Design

Scope: 3 ECTS

Target group: 1st year student

Objective: The aim is to provide an insight into planning and creating drawings with a three-dimensional drawing software, NX. After the course, the student should be able to create 3-dimensional models and 2-dimensional drawings of them. He/she must understand the possibilities and benefits of 3-D modeling. He/she should know the connection between design and other production processes.

Content: Creation of following types of models:

- Solid models
- Thin - walled models
- Assemblies with moving parts
- Sheet metal models

Methods: Supervised exercises

Prerequisites: Technical drawing

Literature: Manuals

Examination: Exercises and an exam

Time: Year 1

Language: Swedish