Syllabus for

Academic year 2011/2012 >

MPP067 - Computer aided modeling

Syllabus adopted 2011-02-22 by Head of Programme (or corresponding)
Owner: TKDES
7,5 Credits
Grading: UG - Fail, pass
Education cycle: First-cycle
Major subject: Industrial Design Engineering
Department: 44 - PRODUCT AND PRODUCTION DEVELOPMENT

Teaching language: Swedish
Maximum participants: 36

Course module				Credit distribution						Examination dates
				Sp1	Sp2	Sp3	Sp4	Summer course	No Sp	
0108	Written and oral assignments	7,5 c	Grading: UG			7,5 c				

In programs
TKDES INDUSTRIAL DESIGN ENGINEERING, Year 1 (compulsory)

Examiner:
Tekniklektor Håkan Almius

Replaces
MPP066 Computer aided modeling

Eligibility:
For single subject courses within Chalmers programmes the same eligibility requirements apply, as to the programme(s) that the course is part of.

Aim
The aim of the course is to give:
Basic knowledge in CAID systems such as StudioTools
Basic skills in digital imaging software such as Photoshop
Basic skills in digital publishing software such as Illustrator and Pagemaker.

Learning outcomes *(after completion of the course the student should be able to)*
The course aims at knowledge and skills in modelling visualization and presentation in 3D CAD-systems.

Content
This course aims to give: - Knowledge in modelling and visualization in CAID systems like StudioTools (Alias). - Knowledge about relationships between modelling, engineering and model and prototype manufacturing. - Knowledge in datatransfer between CAD - systems.

Organisation
This course will be based on partly scheduled, supervised tutoring and practical exercises linked to other courses. Theory and practical exercises will be mixed.

Literature
To be announced at the start of the course.

Examination
Passing the course requires active participation during seminars and exercises, well-performed and presented specified projects and a short exam.