Syllabus for

Academic year 2010/2011 >

MMF273 - User oriented design

Syllabus adopted 2010-02-10 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: 38

Credit distribution

Course module	Sp1	Sp2	Sp3	Sp4	Summer course	Examination dates
0105 Project 7,5 c Grading: UG			7,5 c			

In programs
TKDES INDUSTRIAL DESIGN ENGINEERING, Year 2 (compulsory)

Examiner:
Tekniklektor Örjan Söderberg

Replaces
MMF271 Design and human factors

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

Course specific prerequisites
MPP081, MPP071, MMT010 and MMT015 or equal.

Aim
The aim of the course is
to give a basic knowledge about structuring and formulating technical and scientific reports
to give an basic knowledge about systematic and creative treatment of design problems (product development problems)
- through a reality-based project, practice the ability to conduct methodical and creative design work (product development work) and to develop a critical and reflective attitude to the conditions and the results of design work (product development work)
- through practical design work, develop the form development ability, i.e. the ability to, in an aesthetically pleasing form, create the desired product message which is also suited for the physical capability and limitations of the human being.

Learning outcomes *(after completion of the course the student should be able to)*
The goal of the course is
- through a reality-based project, practice the ability to conduct methodical and creative design work (product development work) and to develop a critical and reflective attitude to the conditions and the results of design work (product development work)

- through practical design work, develop the form development ability, i.e. the ability to, in an aesthetically pleasing form, create the desired product message which is also suited for the physical capability and limitations of the human being

Examination