

SYLLABUS

Advanced Project in Industrial Design Engineering 7.5 credits D7012A

Avancerad projektkurs i teknisk design

Course syllabus admitted: Autumn 2014 Sp 1 - Spring 2017 Sp 4

**DECISION DATE
2014-02-14**

Advanced Project in Industrial Design Engineering 7.5 credits D7012A

Avancerad projektkurs i teknisk design

Second cycle, D7012A

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	G U 3 4 5	Industriell design	Other Subjects within Technology

Entry requirements

Selection

The selection is based on 30-285 credits

Examiner

Åsa Wikberg Nilsson

Course Aim

- The student shall show knowledge of the scientific basis of industrial design engineering
- The student shall show knowledge of design and product development
- The student shall demonstrate competence in independent project work
- The student shall show design competence in development of products and systems
- The student shall demonstrate the ability to orally and in writing, transparently and scientifically describe their work
- The student shall demonstrate the ability to value different scientific knowledge relevant for the current project
- The student shall demonstrate the ability to critically analyze in terms of social, economic and ecological sustainability

Contents

Advanced Project Course in Industrial Design Engineering is a course intended for students who want to immerse in design and product development in a project. The project is performed as part of a current research and development project and focuses on both scientific and practical aspects

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

In this course, the student independently plan, operate, conduct and report on the project in consultation with the designated supervisor. The project is both theoretical and applied in nature and includes advanced studies in an area covered by design and product development. The supervisor is appointed based on the nature of the project

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Written and oral presentation of the project

Remarks

Students must register for the courses themselves, or contact ETKS educational administration eduetks@ltu.se, not later than five days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed place.

Literature. Valid from Autumn 2014 Sp 1

Ejvegård, R. (2009). Vetenskaplig metod. (4. uppl.) Lund: Studentlitteratur

Course offered by

Department of Business Administration, Technology and Social Sciences

Items/credits

Number	Type	Credits	Grade
0001	Oral and Written Presentation	7.5	G U 3 4 5

Last revised

by Director of Undergraduate Studies Bo Jonsson, Department of Business Administration, Technology and Social Sciences 2014-02-14

Syllabus established

by Stig Karlsson 2011-02-07