Design immersion 7.5 credits D0051A

Design: kontext och analys

Course syllabus admitted: Autumn 2023 Sp 1 - Present

DECISION DATE
2021-02-17

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Design immersion 7.5 credits D0051A

Design: kontext och analys

First cycle, D0051A

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G#	Industriell design	Other Subjects within Technology

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and completed courses of at least 60 credits in the subject area Industrial design with at least the grade Pass. This must include the following courses; Design: process and method (D0030A) 15 credits, Design: Interaction and prototypes (D0039A) 15 credits, Graphic design and presentation technique (D0018A) 7,5 credits, Product-and Manufacturing Design (A0013A) 7,5 credits, or equivalent knowledge.

Selection

The selection is based on 1-165 credits.

Course Aim

The aim of the course is to develop the student's competence in identifying, applying, analyzing and synthesizing design practice, methodology and theory, thus contributing to the development of knowledge in the field of industrial design engineering.

The aim is that the student should be able to:

- Demonstrate broad knowledge of industrial design engineering science
- Demonstrate knowledge in design science
- View ability to analyze, apply and describe design methodology
- View ability to critically review and relate to user, corporate and social perspectives
- Show ability to communicate verbally, in writing and visually communicate design science

Contents

The course deals with design science foundation and methodology, current research and development work as well as visual, oral and written communication of the field of industrial design engineering.

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Realization

Each course occasion´s language and form is stated and appear on the course page on Luleå University of Technology's website.
The course is largely conducted as independent work, both individually and in collaboration with others. Seminars and exercises aim to provide an in-depth understanding of design science and design methodology. The course's tasks include:

1. Introduction to design science: Exercise in reading, analyzing and describing design science
2. Design Methodology: Exercise in Identifying, Analyzing, Describing and Synthesizing the Use of Design Methodology
3. Depth: Exercise in identifying, deepening, describing, analyzing, synthesizing and communicating knowledge in the field of industrial design engineering.

Seminars are conducted for formative feedback, ie. feedback where the student is able to develop his / her work based on comments before final submission, as well as critical review of own and others texts.

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.
Crash course in design research U, G# 1.5 credits
Design research methods U, G# 2 credits
Design theory immersion U, G#   4 credits

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

The course participants must register themselves, or contact ETKS educational administration eduetks@ltu.se, during the first three days of the term, to not lose their place in the course. This also applies to students with guaranteed place.

Course offered by

Department of Social Sciences, Technology and Arts

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Crash course in design research	U G#	1.5	Mandatory	A18	
0002	Design research methods	U G#	2	Mandatory	A18	
0003	Design theory immersion	U G#	4	Mandatory	A18	

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Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by Director of Undergraduate Studies Daniel Örtqvist, Department of Social Sciences, Technology and Arts 2021-02-17

Syllabus established

by Director of Undergraduate Studies Daniel Örtqvist, Department of Business Administration, Technology and Social Sciences 2018-02-15