Information Design for Wayshowing

Programme course

6 credits

Informationsdesign för wayshowing

TNGD26

Valid from: 2018 Spring semester

Determined by

Board of Studies for Computer Science
and Media Technology

Date determined

Replaced by

TNGD34

Main field of study

Graphic Design and Communication

Course level

First cycle

Advancement level

G2X

Course offered for

- Graphic Design and Communication

Specific information

The course is cancelled 2018.

Prerequisites

Basic knowledge in information design is required. Skills in 3D modeling are beneficial.

Intended learning outcomes

The aim of the course is practical and theoretical knowledge in information design with a focus on way showing, in physical and virtual environments. After course completion, the student should be able to:

- Design and implement wayshowing systems in virtual environments
- Evaluate the efficiency of way showing systems
- Evaluate design options based on critieria related to (physical) material and graphic form
- Describe advantages and limitations of a 3D representation of an enviromnent, compared to the real physical environment.
- Describe perception and cognition in 3D environments.

Course content

- Design of way showing systems in physical and virtual environments
- Evaluation methodology for way showing systems
- Perception and cognition in virtual and physical environments (way finding)

Teaching and working methods

The course is organized in lectures, labs, seminars, and hand-in assignments.

Examination

LAB1	Laboratory work	1 credits	U, G
UPG2	Assignment	4 credits	U, 3, 4, 5
UPG1	Seminars	1 credits	U, G

Grades

Four-grade scale, LiU, U, 3, 4, 5

Department

Institutionen för teknik och naturvetenskap

Director of Studies or equivalent

Camilla Forsell

Examiner

Jonas Lundberg

Course website and other links

http://www.itn.liu.se/mit/education/courses/tngd26-informationsdesign-for-wayshowing

Education components

Preliminary scheduled hours: 22 h
Recommended self-study hours: 138 h

Course literature

Fastställs senare