

T-61.5010 Information Visualization (5 cr) P

T-61.5010 Informaation visualisointi (5 op) L

<http://www.cis.hut.fi/Opinnot/T-61.5010/2008/>

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INFORMATION VISUALIZATION is about presenting abstract data in visual form to make it more understandable, to amplify cognition. The purpose of information visualization can be the presentation of the data to others or the use of the visualization methods to study the data and to aid decision-making. The course teaches how to visualize information effectively by using the statistical methods, combined with knowledge of the human perception and psychology and the basics of data graphics.

The lectures and problem sessions take place in the TKK Computer Science Building (Konemiehentie 2, Espoo) during the Spring (Period III) 2008 semester. The first lecture will take place in the lecture hall **T2 on 21 January 2008 beginning at 10:15.**

More information at <http://www.cis.hut.fi/Opinnot/T-61.5010/2008/>

26 + 13 (4 + 2)

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Lectures: In T2 on Mondays and in T1 on Tuesdays at 10-12 o'clock (from 21 January to 4 March 2008, no lecture on 28-29 January).

Problem sessions: In T3 on Wednesdays at 12-14 o'clock (from 23 January to 5 March 2008, problem sessions not every week).

Requirements: Examination and term project.

Prerequisites: Basic mathematics and probability courses, basics of programming.

Literature: Ware, 2004. Information Visualization: Perception for Design, 2nd edition. Morgan Kaufmann. Lecture notes and additional readings.

Language: English.

