DD2258 Introduction to Visualization, Computer Graphics and Image/Video Processing 7.5 credits

Introduktion till visualisering, datorgrafik och bild- och videobehandling

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for DD2258 valid from Spring 2019

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Computer Science and Engineering

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The course includes fundamentals within visualization and visual communication with techniques in a broad sense and with examples, demonstrations and lab assignments within different applications, such as computer games, medical visualization, environmental planing, information visualization, and image/video processing.

The course includes both theory and practical aspects with theory and lab assignments being mixed. The students are expected to see and use current tools within the focus of the course.

Course contents

Examination

- TEN1 - Examination, 7.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.