Multimedia Systems 7.5 credits M7001E

Multimediasystem

Course syllabus admitted: Autumn 2010 Sp 1 - Autumn 2011 Sp 1

DECISION DATE
2010-02-19

LULEÅ
TEKNISKA
UNIVERSITET

Multimedia Systems 7.5 credits M7001E

Multimediasystem

Second cycle, M7001E

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	G U 3 4 5		Computer Science

Entry requirements

Assumes general Java programming knowledge of both graphical and non graphical applications (D0010E).
Alternative:
Alternative to completed courses can be corresponding knowledge acquired through work within the IT sector.

Selection

The selection is based on 30-285 credits

Examiner

Arkady Zaslavsky

Course Aim

The student should be able to create a distributed system of computers in networks for global distribution of different media for human communikation and consumption if realtime media.

Contents

The course gives knowledge about multimedia components, systems and applications with an emphasis on networked computers as conveyors of real-time information. The course an overview of multimedia applications and systems with emphasis on real-time distributed systems, time dependent media, coding and compression, systems and software architectures, multi-modal communication systems.

Realization

Each course occasion´s language and form is stated and appear on the course page on Luleå University of Technology's website.
Lectures, seminars, and laborations/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.
Home exam, assignments (laborations/project) and seminars. The final grade will be based on all parts of the course.

Remarks

The course had earlier the code SMD151, but got a new code when the level was changed. The course can therefore not be combined with the credits for SMD151.

LULEÅ
TEKNISKA
UNIVERSITET

Overlap

The course M7001E is equal to M7017E

Literature. Valid from Autumn 2007 Sp 1

Fundamentals of Multimedia av Ze-Nian Li and Mark S. Drew
ISBN: 0130618721
- OH-material presented at the lessons.

Course offered by

Department of Computer Science, Electrical and Space Engineering

Items/credits

Number	Type	Credits	Grade
0001	Take-home examination	3	G U 3 4 5
0002	Laboratory work	3	G U 3 4 5
0003	Seminar	1.5	G U 3 4 5

Study guidance

http://www.ltu.se/csee/utbildning/kurser/GU?l=en

Last revised

by the Department of Computer Science and Electrical Engineering 2010-02-19

Syllabus established

by the Department of Computer Science and Electrical Engineering 2007-02-28