FDA128
Computation II (CUGS)

Lectures:
Två heldagar.

Recommended for
Important for all CUGS students, in particular those with little or no experience in constructing and analyzing algorithms.

The Course was last given
2001.

Prerequisites
CUGS Computation I or similar (familiar witht the contents of chapter 1-5 in Corman et al's book; see textbook for this course.

Organization
Intensive course.

Contents
Basic methods for constructing and analysing algorithms. The theory is illustrated by examples from graph algorithms, approximation algorithms and probabilistic algorithms.

Literature
1.H. Cormen, C. E. Leiserson, and R. L. Rivest, Introduction to Algorithms, MIT Press (see http://www-mitpress.mit.edu).
Detailed reading list:
Read everything but concentrate on II, IV, VI, VII:31-33 and VII:35-37.

Teachers
Peter Jonsson.

Examiner
Peter Jonsson.

Schedule
Fall 2002.

Examination
Written examination.

Credit
2,5 credits.

Comments
This course is based on TDDA32, and more information about course content can be found at http://www.ida.liu.se/~TDDA32/.