



Course syllabus

Faculty Board of Science and Engineering
School of Engineering

1BY015 Datorstödd ritning - fortsättning, 7,5 högskolepoäng
Computer Aided Drawing, part 2, 7.5 credits

Main field of study
Civil Engineering

Subject Group
Building Technology

Level of classification
First Level

Progression
G1F

Date of Ratification
Approved by Organisational Committee 2009-07-24

The course syllabus is valid from spring semester 2010

Prerequisites
Knowledge corresponding to Computer Aided Drawing 7,5 hp

Expected learning outcomes

Using project methodology thinking as a starting-point, the student is expected after completing the course to have acquired a deeper understanding and a broader knowledge basis about the Architectural Desktop program or the equivalent so as to be able to optimally utilize the resources of the program.

Content

Using computer technology in design work and the creation of building documentation. The student will learn to utilize the advanced functions of the Architectural Desktop program

- Project and style settings, layer structure, display systems
- Creating conceptual models
- Object-related work enabling effective, workflowintegrated visualization
- Using Viz Render to quickly show realistic construction images
- Creating building documents, handling construction data and linking information to a databases, from which it may be retrieved for creating detailed reports.

Type of Instruction

Lectures and exercises. Tutoring is provided for some of the exercises.

Examination

The course is assessed with the grades 1, 2, 3, 4 and 5

The course is assessed with the grades 0, 3, 4 or 5.

The assessment is based on submitted reports from the various modules and from the major assignment. 80 % attendance at all lectures and presentations is required. The examination takes the form of a discussion of assignments.

Course Evaluation

When the course has finished, an evaluation is compiled. The results are reported to the students and then archived according to the rules of the school.

Required Reading and Additional Study Material

Required reading

Andersson, Berth, ADT 2007 Snabbstart, Jeppsson Data AB, 152 s.

Department handouts, 80 s.

Referenslitteratur

Amundberg, Thomas, Rita med AutoCAD 2007 XREF&Layouter, 54 s.

Andersson, Berth, Rita med AutoCAD 2007 Tips&trix, 56 s.

Andersson, Berth, Rita med AutoCAD 2007 Macro&anpassningar, 54 s.

Aubin, Paul F. Dillon, Matt, Autodesk Architectural Desktop: An Advanced Implementation Guide with CDROM

Autodesk Press

Published: 2006-11

2 edition

ISBN10: 1418061387

ISBN13: 9781418061388