Linnæus University

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 the Board of the School of Engineering 2009-07-24

Revised 2010-10-27

The course syllabus is valid from spring semester 2011

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 U, 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

AutoCAD Architecture 2011, Grundkurs, WITU AB, 277 s.

Department handouts, 80 s.

Referenslitteratur

AutoCAD Architecture 2011, Avancerad kurs, Witu AB, ca 250s.