

COURSE DETAIL

COMPUTER GRAPHICS

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

135

UCEAP Course Suffix**UCEAP Official Title**

COMPUTER GRAPHICS

UCEAP Transcript Title

COMPUTER GRAPHICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

3D graphics is concerned with how images can be generated from abstract descriptions of objects. Representations of three-dimensional geometry should be projected to a two-dimensional plane and by simulating the interaction between light and matter the object surfaces can be realistically shaded. With moving images, it is also necessary to control how objects move and change appearance over time. And when building interactive virtual worlds, objects must also be able to respond to external events.

Language(s) of Instruction

English

Host Institution Course Number

EDAF80

Host Institution Course Title

COMPUTER GRAPHICS

Host Institution Campus

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Engineering - Computer Science

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