COURSE DETAIL

COMPUTER GRAPHICS

Country
Hong Kong

Host Institution
University of Hong Kong

Program(s)
University of Hong Kong

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
105

UCEAP Course Suffix

UCEAP Official Title
COMPUTER GRAPHICS

UCEAP Transcript Title
COMPUTER GRAPHICS

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course provides an overview of graphics hardware, basic drawing algorithms, 2-D transformations, windowing and clipping, interactive input devices, curves and surfaces, 3-D transformations and viewing, hidden-surface and hidden-line removal, shading and color models, modelling, illumination models, image synthesis, computer animation.

Language(s) of Instruction
English

Host Institution Course Number
COMP3271

Host Institution Course Title
COMPUTER GRAPHICS

Host Institution Course Details
https://csai.cds.hku.hk/

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2025-2026

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