COURSE DETAIL

3D MODELING AND ANIMATION
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 153
UCEAP Course Suffix
UCEAP Official Title 3D MODELING AND ANIMATION
UCEAP Transcript Title 3D MODEL&ANIMATION
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course provides fundamental concepts in 3D modeling and animation. This course covers building or working with digital models, manipulating the models by means of computer deformation and animation, and using lighting and rendering techniques to create appealing scenes. Topics include coordinate spaces, transforms, 3D model representations, hierarchical structures, deformation, procedural modelling, particle systems, character animation, shading networks, lighting, and scripting concepts.

Language(s) of Instruction
English

Host Institution Course Number
CS3242

Host Institution Course Title
3D MODELING AND ANIMATION

Host Institution Course Details
https://nusmods.com/modules/CS3242/3-d-modeling-and-animation

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2022-2023

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