

COURSE DETAIL

3D PRODUCTION

Country

Singapore

Host Institution

Nanyang Technological University

Program(s)

Nanyang Technological University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Film & Media Studies Art Studio

UCEAP Course Number

70

UCEAP Course Suffix**UCEAP Official Title**

3D PRODUCTION

UCEAP Transcript Title

3D PRODUCTION

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces the fundamental skills required for 3D computer modeling and animation. Students are introduced to industry standard digital tools and gain creative and technical competence with modeling, character design, movement, environment and rendering. Emphasis is placed on learning techniques, principles and strategies to enable on-going independent learning of the specialist 3D software used. A wide variety of processes are reviewed to provide an overall awareness of the complete 3D animation production process. Technical processes include modeling, texturing, simple rigging, keyframe animation, lighting and rendering. By the end of the course, students can produce a short animation.

Language(s) of Instruction

English

Host Institution Course Number

DT2001

Host Institution Course Title

3D PRODUCTION

Host Institution Course Details

<https://www.ntu.edu.sg/adm/programmes/undergraduate-programmes/bachelor-of-fine...>

Host Institution Campus

Host Institution Faculty

Art, Design and Media

Host Institution Degree

Host Institution Department

Media Art: Animation

Course Last Reviewed

2025-2026

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