

# 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

[Print](#)