COURSE DETAIL

VIRTUAL INSTRUMENT SOUND DESIGN

Country
Singapore

Host Institution
National University of Singapore

Program(s)
National University of Singapore

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Dramatic Arts

UCEAP Course Number
171

UCEAP Course Suffix

UCEAP Official Title
VIRTUAL INSTRUMENT SOUND DESIGN

UCEAP Transcript Title
VRTL INSTRMT SOUND

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course provides an introduction to instrument sound design using different forms of synthesis and signal processing with computers. Students develop skills in creating sounds they imagine. The course offers aural training in identifying synthesis types, filtering, and other common techniques used in instrument design as well as support in practical implementation of these techniques in software. Projects include designing a sample-based instrument and developing a sound library with different forms of synthesis. The course uses entry-level graphical synthesis environments. No experience with coding is required.

Language(s) of Instruction
English

Host Institution Course Number
MUA2271

Host Institution Course Title
VIRTUAL INSTRUMENT SOUND DESIGN

Host Institution Course Details
https://nusmods.com/modules/MUA2271/virtual-instrument-sound-design

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2022-2023

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