

# COURSE DETAIL

## INTRODUCTION TO MEDIA COMPUTING

**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**

108

**UCEAP Course Suffix****UCEAP Official Title**

INTRODUCTION TO MEDIA COMPUTING

**UCEAP Transcript Title**

MEDIA COMPUTING

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course introduces the fundamental principles, theory, algorithms, and data structures behind digital representation, compression, synchronization, and processing of image, audio, and video data types, and challenges and issues in developing media-rich applications, such as media streaming and media retrieval. The course presents the workings of common media file format and common manipulation techniques on media data.

**Language(s) of Instruction**

English

**Host Institution Course Number**

CS2108

**Host Institution Course Title**

INTRODUCTION TO MEDIA COMPUTING

**Host Institution Campus****Host Institution Faculty****Host Institution Degree****Host Institution Department**

Computer Science

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