

# COURSE DETAIL

## INTRODUCTION TO INTEGRATIVE SYSTEMS AND DESIGN

**Country**

Hong Kong

**Host Institution**

Hong Kong University of Science and Technology (HKUST)

**Program(s)**

Hong Kong University of Science and Technology

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Art Studio

**UCEAP Course Number**

24

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

INTRODUCTION TO INTEGRATIVE SYSTEMS AND DESIGN

**UCEAP Transcript Title**

INTEGR SYSTEM & DES

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course examines the societal, economical, and cultural impact of integrative systems and the importance of integrating design into the creation of integrative systems. It covers basic design principles, design terminology, design skill-sets, design thinking and process, and how a good design relates to the design principles. Students will also learn about what is an integrative system and the importance of using technology to build an integrative system and how it is decomposed into different sub-systems that involve multiple technology components, interacting with each other.

### Language(s) of Instruction

English

### Host Institution Course Number

ISDN 1001

### Host Institution Course Title

INTRODUCTION TO INTEGRATIVE SYSTEMS AND DESIGN

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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