

COURSE DETAIL

DIGITAL LITERACY AND COMPUTATIONAL THINKING - P

Country

Hong Kong

Host Institution

Chinese University of Hong Kong

Program(s)

Chinese University of Hong Kong

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

36

UCEAP Course Suffix**UCEAP Official Title**

DIGITAL LITERACY AND COMPUTATIONAL THINKING - P

UCEAP Transcript Title

DIG LIT THKNG - P

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This is an introductory level course on digital literacy and its applications - P indicates a python focus. The course covers basic information technology skills and spreadsheet usage, basic statistics and data science concepts for working with data from digital sources, and computational thinking techniques for solving problems with data (e.g., automation, textual analysis, data visualization, etc.). The course includes demonstrations on solving real-life problems creatively. Case studies in social media usage are included to illustrate how to interpret data properly and identify false information. The course focuses on hands-on practices using relevant software toolboxes, without covering the inner-working details. The course ENGG1003 DIG LIT THKNG - R is similar in content but comes from R language focus.

Language(s) of Instruction

English

Host Institution Course Number

ENGG1003

Host Institution Course Title

DIGITAL LITERACY AND COMPUTATIONAL THINKING - P

Host Institution Course Details

https://rgsntl.rgs.cuhk.edu.hk/aqs_prd_applx/Public/tt_dsp_crse_catalog.aspx

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

Course Last Reviewed

2025-2026

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