

COURSE DETAIL

FLUID MECHANICS

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

104

UCEAP Course Suffix**UCEAP Official Title**

FLUID MECHANICS

UCEAP Transcript Title

FLUID MECHANICS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

The course introduces the fundamental concepts of fluid flow, and examples of engineering fluid mechanics. The course helps students to develop a sound understanding of control volume analysis, and its use with mass, momentum, and energy conservation principles. The course prepares students for dimensional analysis for the use of scale models in wind tunnel and hydraulic model testing.

Language(s) of Instruction

English

Host Institution Course Number

CIVL2103

Host Institution Course Title

FLUID MECHANICS

Host Institution Course Details**Host Institution Campus****Host Institution Faculty****Host Institution Degree****Host Institution Department**

Civil Engineering

Course Last Reviewed

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