

COURSE DETAIL

AIR POLLUTION CONTROL

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

130

UCEAP Course Suffix**UCEAP Official Title**

AIR POLLUTION CONTROL

UCEAP Transcript Title

AIR POLLUTION CONRL

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines the principles and techniques related to the formation, dispersion and control of various air pollutants formed from anthropogenic pollution sources. Topics include: micrometeorology; air dispersion; combustion fundamentals; pollutant formation mechanism and control technologies; abatement of volatile organic compounds using incineration techniques; particulate and aerosol abatement technology; particle technology, log-normal distribution; settling chamber; cyclone; electrostatic precipitator; and bag filter.

Language(s) of Instruction

English

Host Institution Course Number

MECH3420

Host Institution Course Title

AIR POLLUTION CONTROL

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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