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 CONTORL

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2024-2025

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