

COURSE DETAIL

HEAT TRANSFER

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

118

UCEAP Course Suffix

Y

UCEAP Official Title

HEAT TRANSFER

UCEAP Transcript Title

HEAT TRANSFER

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course teaches students the physics of heat transfer. Topics include steady conduction, transient conduction, convection, radiation, and heat exchangers. For all of these topics, practical implementation through solving small design-like problem is studied.

Language(s) of Instruction

English

Host Institution Course Number

MECH50001

Host Institution Course Title

HEAT TRANSFER

Host Institution Course Details

<https://www.imperial.ac.uk/mechanical-engineering/study/undergraduate/detailed-...>

Host Institution Campus

Imperial College London

Host Institution Faculty

Faculty of Engineering

Host Institution Degree

Host Institution Department

Department of Mechanical Engineering

Course Last Reviewed

2023-2024

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