

# COURSE DETAIL

## AEROSPACE PROPULSION

**Country**

Australia

**Host Institution**

University of Melbourne

**Program(s)**

University of Melbourne

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mechanical Engineering

**UCEAP Course Number**

147

**UCEAP Course Suffix****UCEAP Official Title**

AEROSPACE PROPULSION

**UCEAP Transcript Title**

AEROSPACE PROPLSION

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course examines the aerodynamics and thermodynamics of aircraft gas turbines and rockets and provide the tools to design and evaluate the performance of jet engines. It will also present the current environmental impacts of aviation and paths for more sustainable aviation.

## Language(s) of Instruction

English

## Host Institution Course Number

MCEN90047

## Host Institution Course Title

AEROSPACE PROPULSION

## Host Institution Course Details

<https://handbook.unimelb.edu.au/2023/subjects/mcen90047>

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2023-2024

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