COURSE DETAIL

AIRCRAFT PERFORMANCE AND STABILITY
Country Hong Kong
Host Institution Hong Kong University of Science and Technology (HKUST)
Program(s) Hong Kong University of Science and Technology
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering
UCEAP Course Number 135
UCEAP Course Suffix
UCEAP Official Title AIRCRAFT PERFORMANCE AND STABILITY
UCEAP Transcript Title AIRCRAFT PERF& STAB
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course examines flight dynamics, with emphasis on aircraft performance and stability. It covers the fundamentals of flight dynamics, focusing more especially on the key concepts pertaining to flight performance and stability; the methodological tools (fundamental theories and mathematical models) that are commonly used for analyzing the performance and stability characteristics of aircraft; and how these theoretical and methodological knowledge are used across aerospace industries for the safety and efficiency of aircraft can be maximized.

Language(s) of Instruction
English

Host Institution Course Number
MECH3670

Host Institution Course Title
AIRCRAFT PERFORMANCE AND STABILITY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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