COURSE DETAIL

FLIGHT DYNAMICS
Country United Kingdom - England
Host Institution University of Manchester
Program(s) English Universities,University of Manchester
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 123
UCEAP Course Suffix
UCEAP Official Title FLIGHT DYNAMICS
UCEAP Transcript Title FLIGHT DYNAMICS
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
This course explores the dynamic stability and control of aircraft, especially the dynamic response of aircraft to atmospheric disturbances and pilot control input. It provides the necessary ground-work to understand the principles of flight dynamics, which are essential in the design of aircraft. Students examine the princlpes of flight dynamics and develop skills in the analysis and evaluation of the stability and control characteristics of aircraft.

Language(s) of Instruction
English

Host Institution Course Number
MACE32202

Host Institution Course Title
FLIGHT DYNAMICS

Host Institution Course Details

Host Institution Campus
University of Manchester

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical, Aerospace and Civil Engineering

Course Last Reviewed

Print