COURSE DETAIL

CLASSICAL MECHANICS
Country United Kingdom - England
Host Institution University of London, Royal Holloway
Program(s) University of London, Royal Holloway
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 137
UCEAP Course Suffix
UCEAP Official Title CLASSICAL MECHANICS
UCEAP Transcript Title CLASSICAL MECHANICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
This course applies the techniques and formulae of mathematical analysis (in particular the use of vectors and calculus) to solve problems in classical mechanics, including statics, dynamics, and kinematics as applied to linear and rigid body rotational dynamics. The course also covers first principles and the derivation of standard formulae in classical mechanics.

Language(s) of Instruction
English

Host Institution Course Number
PH1320

Host Institution Course Title
CLASSICAL MECHANICS

Host Institution Course Details

Host Institution Campus
Royal Holloway, University of London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed

Print