COURSE DETAIL

MECHANICS OF STRUCTURES 2A
Country United Kingdom - Scotland
Host Institution University of Glasgow
Program(s) Scottish Universities,University of Glasgow
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 106
UCEAP Course Suffix
UCEAP Official Title MECHANICS OF STRUCTURES 2A
UCEAP Transcript Title MECHANICS OF STRUCT
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
This course provides students with the ability to apply the principles of engineering mechanics to determine elastic behavior of members and components subjected to bending moment, shear force, axial force, and torque, including elastic deflections of beams (statically determinate and statically indeterminate) and torsion of circular and thin-walled sections. Behavior of beams is also extended to simple cases of plastic-bending behavior.

Language(s) of Instruction
English

Host Institution Course Number
ENG2081

Host Institution Course Title
MECHANICS OF STRUCTURES 2A

Host Institution Course Details

Host Institution Campus
University of Glasgow

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering

Course Last Reviewed

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