

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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