ME516 Lightweight Structures

Module Registrar: Dr M Wheel
marcus.wheel@strath.ac.uk

Taught To (Course): Cohorts for whom class is compulsory

Other Lecturers Involved: Dr T Comlekci

Credit Weighting: 10 (ECTS 10)

Assumed Prerequisites: ME305 Dynamics III, 16327 Structural Mechanics III

Compulsory class

Academic Level: 5

Semester: 2

Credit Weighting: 10 (ECTS 10)

Assessment of Learning Outcomes

Criteria

For each of the Module Learning Outcomes the following criteria will be used to make judgements on student learning:

Note that due to the integrated approach adopted in delivering LO1 and LO2 these are not assessed independently.

Therefore, for LO1 & LO2 50% of the assessment will be awarded for the measured increase in structural and in flight performance of the model and 50% for the final report explaining the basis of design modifications that result in increased performance

The standards set for each criterion per Module Learning Outcome to achieve a pass grade are indicated on the assessment sheet for all assessment.

12 Principles of Assessment and Feedback

(on Learning & Teaching web pages: www.strath.ac.uk/learnteach/informationforstaff/staff/assessfeedback/12principles/)

Summative feedback will be provided by (i) performance measured at the three compulsory assessed testing sessions timetabled (ii) mark awarded for the group report submitted upon completion of the class.

Formative feedback will be provided at weekly laboratory and open (optional, unassessed) testing sessions through individual and group discussion.
**Assessment Method(s) Including Percentage Breakdown and Duration of Exams**

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<tr>
<th>L/Outcomes</th>
<th>Examinations</th>
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<th>Courseworks</th>
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<th>Projects</th>
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*Indicate which learning outcomes (LO1, LO2 etc) are to be assessed by exam/coursework/project as required.*

**Coursework / Submissions deadlines:**
1 group report submitted upon completion of the module.

**Resit Assessment Procedures:**
Submission of additional coursework(s) prior to commencement of the August exam diet, if first is unsatisfactory.

**PLEASE NOTE:**
Students need to gain a summative mark of 40% to pass the module. Students who fail the module at the first attempt will be re-examined. This re-examination will consist of exam / coursework (as outlined above).

**Recommended Reading**

****Purchase essential ****Purchase recommended  **Highly recommended reading  
*Simply for reference (do NOT purchase)  

**Additional Student Feedback**
(Please specify details of when additional feedback will be provided)

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Session: 2014/15

**Approved:**

Course Director Signature: [Signature]

Date of Last Modifications: 12 September 2014
# MODULE TIMETABLE

**Module Code:** ME516  
**Module Title:** Lightweight Structures

**Brief Description of Assessment:**
3 x 1 hour assessed testing (AT) sessions  
1 x project report

**Assessment Timing:**

Indicate on the table below the start/submission dates for each assignment/project and the timing of each exam/assessment(s).

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<th>Semester One</th>
<th>WK1</th>
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