

School of Engineering Coursework Assessment Brief

Module Code	EG4019_ME
Module Title	Engineering Mechanics and Materials
Title of Assessment	Group Lab Report
Summative (% of module) or Formative	Summative – this assignment is worth 50% of your module grade
Typical individual student hours required to complete the assessment	50 hours
Assessment set by (and contact)	S Esconjauregui, RVMB211 c.esconjauregui@kingston.ac.uk
Submission deadline (date and time)	Within two weeks of timetabled session
Formal feedback	Within 20 working days of submission

All assignments must be submitted by the date and time specified above. Students are required to submit an electronic copy of their completed assignment via the Assignments section of Canvas and follow any specific instructions. Any change to this instruction will be advised via Canvas.

In line with Faculty policy for late submission of coursework, any work submitted up to a week late will be capped at 40%. Coursework submitted after this time will receive 0%.

In case of illness or other issues affecting your studies please refer to the University Mitigating Circumstances policy. Guidance on mitigating circumstances can be found on MyKingston, [click here](#)

Please note that if you submit a piece of work you have judged yourself fit to undertake the assessment and cannot claim mitigating circumstances retrospectively.

Guidance on avoiding academic assessment offences such as plagiarism and collusion can be found on [MyKingston > Academic Regulations](#)

Module Learning Outcomes

The following module learning outcomes and professional body learning outcomes are tested in this assessment:

- Explain the basic mechanics of engineering materials.
- Conduct an experimental investigation and report on the results.
- Present an engineering analysis in a structured and coherent way.

Assessment task and specific terms

- Specific details of the assessment task are fully described in the Lab Booklet, including all details for report writing, submission, and marking.
- Specific submission requirements and the format of the submission: Lab report submission via canvas in pdf format, as specified in canvas page.

- Referencing and citation requirements: When referencing use Harvard style and refer to the bibliography links provided in My Reading List via Canvas.
- A completed Risk Assessment is appended to this Assessment Brief in Canvas.

Assessment Criteria

Assessment of your submission will be based on the following weighted assessment criteria as given below which relate to the specified module and PSRB learning outcomes. Assessment criteria are reproduced in Canvas in a rubric.

Specific Criteria (marking scheme)	Marks available
Front cover and Abstract, Table of Content & Contribution Page Abstract (200 words maximum) should be well written, clear and succinct, summarise the aims, methods, results and conclusions of the practical. Front cover, table of content and contribution page should be included.	2
Introduction Clearly written, well structured, with evidence of relevant extra reading and background information. You should identify the main aims and objectives of the practical and explain the rationale for performing the study.	2
Methods and Experimental Procedures Describe clearly the experiment, the apparatus used, the experimental procedures and the methods.	2
Theory Detail and explain the appropriate theory for the experiment you have carried out.	2
Results Present clearly all calculation details, all graphs and tables. All figures and tables should be captioned correctly, with complete and descriptive captions. Provide references if applicable.	37
Discussion Discuss in detail the results from the practical, compare the expected results to those obtained, analyse the experiment errors, relate the results to the objectives, provide your scientific opinion.	37
Conclusions/Recommendations Brief summary of conclusions from the experiment and your recommendations.	2
Overall appearance and structure of report, effort Report well structured, well written, clear, concise writing, and well presented. Appropriate level of effort demonstrated. Report maximum 20 pages and word processed, minimum font size 11.	2
Grammar/Spelling/Language Report is free of grammatical and spelling errors.	2
Referencing All references corrected listed in "Reference" section and properly cited in the report following Harvard style.	2
TEAMWORK REFLECTION Evidence of team skills, initiative, and personal responsibility shown as a team member by producing consistent quality work. Evidence of Individual and Team Effectiveness and Progress.	10
TOTAL	100%

Academic skills support

For help and advice on this assessment please contact the assessment setter/s or the module leader. For advice on academic writing and referencing please contact the Faculty of Engineering, Computing and the Environment (ECE) Student Academic Success Centre (SASC). Trained staff and students will give you guidance and feedback on assessments. SASC can be accessed [here](#)