Assessment Overview ⚛

To demonstrate your understanding of the subject's Learning Outcomes, and to succeed in this subject, you must complete the below assessments.

Learning Outcomes

1. Be able to apply knowledge of basic science and engineering fundamentals to solve material and energy balances.
2. Be able to model material and energy flows around reacting chemical systems.
3. Define and scope engineering problems and formulate suitable strategies for problem solution.
4. Have developed an appreciation for the importance of safety in the process industries. Since the development of skills is so important, there will be an emphasis on practice examples and tutorial exercises.

Assessment	Learning Outcomes	Format	Date	Percentage of grade
Assessment 1: Oral presentation (https://canvas.lms.unimelb.edu.au/courses/211472/assignments/548798)	3, 4	Oral presentation, attendance at 2 presentation sessions	During workshops in Week 5 and 6	10% Hurdle requirement
Assessment 2: MATLAB 1 (https://canvas.lms.unimelb.edu.au/courses/211472/assignments/548799)	1, 2, 3	Written Assignment	Monday 14th April (Week 7), 4pm AEST/AEDT	10%
Assessment 3: Laboratory experiment 1 (https://canvas.lms.unimelb.edu.au/courses/211472/assignments/548800)	1, 2, 3, 4	Report, attendance at laboratory practical class	Two weeks after your laboratory practical class, 4pm AEST/AEDT	10%
Assessment 4: MATLAB 2 (https://canvas.lms.unimelb.edu.au/courses/211472/assignments/548801)	1, 2, 3	Written Assignment	Monday 26th May (Week 12), 4pm AEST/AEDT	10%
Assessment 5: Laboratory experiment 2 (https://canvas.lms.unimelb.edu.au/courses/211472/assignments/548802)	1, 2, 3, 4	Report, attendance at laboratory practical class	Two weeks after your laboratory practical class, 4pm AEST/AEDT	10%
Assessment 6: Written examination (https://canvas.lms.unimelb.edu.au/courses/211472/assignments/548803)	1, 2, 3, 4	Invigilated examination	Exam Period	50%

Late penalties may be applied to any MATLAB assignment or laboratory report submitted late without a valid reason. The penalty will be 10% of the total marks available per calendar day the work is late. Extensions for the oral presentations are

not possible, except with formal Special Consideration. A student who is unable to present on time with their group should discuss the situation with Dr Sutton as soon as possible.

Academic integrity

Work submitted for assessment must be wholly the work of the individual student. Collusion or plagiarism of any content is a severe breach of the academic integrity policy of the university, and penalties can be very severe, even for a first offence. If you are struggling with an assignment, please seek assistance from the academic staff rather than copying from classmates or websites.

For information on academic integrity and how to avoid academic misconduct, plagiarism and collusion, refer to the **University's resources on academic integrity (https://academicintegrity.unimelb.edu.au/)** .

Use of formative artificial intelligence systems

There is no valid reason why you would need to make use of generative artificial intelligence systems, such as ChatGPT, to create any assessment items in this subject. The use of any formative artificial intelligence system by students in this subject would be considered academic misconduct and may result in significant penalties.

Extensions

To request an extension or special consideration, please visit the **FEIT Extensions and Special Consideration (https://eng.unimelb.edu.au/students/coursework/study-resources/extensions-and-special-consideration)** page. Please note that if the due date has passed, you need to apply for special consideration rather than an extension.