

Portfolio Structure

The portfolio should have:

- A cover page which consist of a title, the unit detail and the student's detail including the group number.
- An executive summary summarising the portfolio.
- A content page with page numbers.
- An introduction to the unit and the portfolio.
- Responses to learning outcomes listed below:

LO1. Apply a systematic approach to engineering design;

LO2. Find, organise and evaluate information on a range of topics related to problems in engineering design;

LO 3. Identify and evaluate technical, environmental, social and economic factors impacting on the solution of engineering design problems;

LO 4. Use computer-aided design (CAD) software to develop and present design solutions;

LO 5. Communicate effectively with others orally, in writing and by means of engineering drawings;

LO 6. Demonstrate an ability to learn individually and collaboratively in a team environment;

LO 7. Use a personal reflective journal and demonstrate improvements in their effectiveness as learners;

LO 8. Respond to diverse learning situations in a socially and culturally responsible manner.

Each of the above LO needs to be addressed separately giving strong evidence of how the LO was achieved. Roughly half to a page long. Please refer to the portfolio marking guide for further detail.

- A discussion/conclusion
- An appendix which may include the following:
 - A copy of each technical report submitted during the semester
 - Sample CAD drawings.
 - Any other materials referred as evidence in LO
 - The 12 weeks reflective journals.
 - Peer assessment.