

UNSW Australia

ELEC4122

Formal Reports

In the absence of another agreed assessment task, students are required to submit a formal written report exploring ethical issues in electrical/telecommunication engineering. You must register your chosen topic, using the topic selection tool in **moodle**. If you want a topic not on the pre-approved list, then you also need to submit a proposal to us explaining what your topic is about.

The report counts as the 15 % major assignment, for your summative mark in ELEC4122.

Your report *must contain a discussion of the ethical issues associated with the topic and related to engineering*. In particular, it must consider both *ethical dilemmas* and *who and how appropriate decisions* should be made about these same questions. It must consider both sides of any argument; it must clearly identify your conclusions about the issues and why you reached them. (*No credit will be given* for surveying the technology or laws involved.)

Requirements

The main body of the report (including introduction & conclusion) should be $2500 \pm 10\%$ words; the abstract about 100 words.

Your report *must include some discussion of the Engineers Australia Code of Ethics and its implications* for your particular question, and also some analysis of your question using each of the four ethical frameworks presented in this course: i.e. rights, duties, virtues and utilitarianism.

Your report *must include some recommendations about how society might make decisions* about the questions you pose in your report.

Students must research their topics. Your references must be sufficient to demonstrate familiarity with the important, current issues, and need to be fully documented. Use the Harvard (i.e. author-date) system for your references. (For more details see The Learning Centre's page on referencing: www.lc.unsw.edu.au/onlib/ref.html.)

This report is weighted as 15 % of your final mark in this course. Before writing your report, *take note of the marking criteria* detailed on the Report Cover Sheet (yellow, separate document) and *review the check-list* on its reverse. Be aware that we can require you to revise and resubmit any report that does not conform to the minimum standards prescribed by the School. (These are included in the information provided to students at www.eet.unsw.edu.au/information-for/current-students/current-undergraduates.) Any such resubmission will get a maximum mark of 5 out of 10.

Remember, students *must not commit plagiarism*, i.e. they must not use the work of others without proper acknowledgment. Students must identify direct quotations correctly and acknowledge each source at each point that it is directly quoted (or paraphrased) in the text of the report.

Submission

Your report must be placed in the Assignment Box outside 102 in ElecEng Bldg, by

Wednesday Week 9,

with the cover-sheet *completed and attached*. Without it, you cannot be certain that the report will ever get to us! *Late reports will be penalised*, losing 20 % of the marks for each day late.

ALSO, as part of our plagiarism detection system, *you must submit an electronic copy of your report* using the assignment tool in moodle. Turnitin will be available for you to check your own work prior to submission.