

# Faculty of Engineering

## ENGG1000 19T3

### Soccer Droids

## Test Report Guidelines

### Background

You are to submit your final report, individually, to the client in the form of a professional report.

### Scenario

You should imagine yourself leading a design and development team, contracted to design a solution to a problem and then to develop and test a prototype. Your aim is to provide a technical report to the client that describes the final test performance of the prototype.

### Format and Content

The final report will be a professionally formatted document that summarises the following:

- The final design for the prototype solution identifying any innovation (keep this brief and include photos),
- Details of one of the testing processes, including photographs, and numerical & statistical results from the final testing, and
- Recommendations for improvements based on a SWOT analysis of either:
  - The prototype robot, or
  - The design process used by the team.

The length of the report should be the equivalent of 5 full pages of content (not including title pages, references and appendixes). A sample template has been posted in the Project Section of Moodle.

### Assessment

The report represents approximately 15% of your final grade and is an **individual submission**.

The grading criteria will be:

- Report outline, formatting and general appearance 10%
- Quality and content of the final prototype specification and photos 30%
- Quality and content of the documentation and photos of the testing process 30%
- Soundness of the SWOT analysis for improvement to the robot 30%

### Additional

You may use the resources in your Design Proposal for this report, provided they have been revised and updated to reflect improvements made during the design process. Any material copied and pasted from the Design Proposal submission will be excluded from the assessment of this submission.

### Submission

Your submission is due by 11:00pm on Monday 25th November (Week 11) via Moodle. Each person is to make their own submission. A late submission will attract a penalty of 10% per day.