

METR4202: Advanced Controls & Robotics

SENSING AND PERCEPTION LAB

Practical Two Report

Due: Friday, October 5, 2012¹

Note:

- This practical laboratory is worth **25%** of the final course mark.
- Every student must complete an individual report
- For each team, the individual reports must be collated into an omnibus submission
- This submission should be turned in via the submission system

Key Sections:

1. Name and Group Details

Please list your name and group name. In addition, please list your Kinect Number and state if your solution includes any additional libraries not part of the expected setup (as per Lab 2 Guide).

2. Challenge Self-Assessment

As per the [Laboratory 2 Guide](#), please submit a simple table/list indicating your estimate for the number of points how the solution will garner for each of the seven core challenges.

(maximum one table with 7 scores)

3. System Performance

As per the [Laboratory 2 Guide](#), how does your solution meet the performance guidelines?

You do not need to write anything special here, but you may include any reflections you have on the calibration, detection, and localisation performance.

(maximum 250 words)

4. Key Subsection Design Summary

Briefly summarize your individual contribution(s) to the solution.

(maximum 100 words, pictures allowed)

5. Team Peer Assessment Form

Please complete a [Team Peer Assessment Questionnaire Form](#)

- Available on the METR4202 course website.
- Turn in your individual form (signed by your team members)

¹ By 12:00 Noon AEST