

# Robotics

## GENG5508

<b>Semester Group Project</b>	<b>weeks 7-12</b>
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**GROUPS:** Form groups of 4 students  
**EQUIPMENT:** Baxter Dual 6-dof Manipulator  
UR5 6-dof Manipulator

### PRESENTATION

On the scheduled presentation day at the end of the semester, all groups will demonstrate their projects. This will include a practical demonstration as well as a brief oral presentation.

### SUBMISSION

Submit the following as a single document via LMS incl. declarations of all team members.:

1. Project design report (*pdf*), which includes
  - Report on which team member did what
  - Software / Hardware design description, schematics (where relevant)
  - Include diagrams, photos, screenshots, plots, etc.
  - Include page numbers
  - Max 10 pages plus 1 Title page

**Do NOT include:**

  - Program code
  - Table of contents, etc.
  - Half-empty pages
2. User Manual (*pdf*)
  - Max 5 pages, **no** Title page
  - As if it was sold to a customer
3. Source code, *via email to lab demonstrator*, clearly referencing any imported code

### MARKING

60% Functional Performance and Complexity  
20% Project Design Report  
10% User Manual  
10% Oral Project Presentation