**SEMESTEROPPGAVE - Robotikk**

Kitchen Robot Arms

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ELE306 – Robotikk  
Innleveringsdato

Jeg bekrefter at arbeidet er selvstendig utarbeidet, og at referanser/kildehenvisninger til alle

kilder som er brukt i arbeidet er oppgitt, *jf. Forskrift om studium og eksamen ved Høgskulen på Vestlandet, § 12-1.*

Innholdsfortegnelse

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# Introduction

• Brief introduction of robot type, based on a literature search

• Description of task to perform, and requirements

• An overview of your approach to the problem

# Design Process

• What design iterations have you gone through?

• Who worked on what, and when?

• What problems did you encounter, and how did you solve them?

# Implementation

• Describe the final implementation of your robotic system

• Include figures with images/drawings etc.

• Include your solutions for kinematics, motion planning etc.

• Be brief, include support material in appendices, if need be

• Use the structure from the requirements section

# Experiments

• What testing have you performed of the virtual-physical robot (or subsystems)

• How well have you been able to perform the goal task?

• Use the structure from the requirements section

# Conclusion

• Briefly conclude on the work done

• Make sure you have complied with all the requirements!

# References

• Here you should put a numbered list of references to all sources you have used in

the report, using IEEE referencing style

• These references should be cited from the text, using the IEEE citation format with citation number in square brackets, e.g. [3] for the third reference in the list

• For guidance on the IEEE referencing style, see for example:

https://www.bath.ac.uk/publications/library-guides-to-citingreferencing/

attachments/ieee-style-guide.pdf

# Appendices

• Include here the 2 presentations made for the PDR and CDR.

• Also include here a log of what each group member worked on during the project, in

terms of theory, code, presentations, and report writing. All members of the group

has to sign this log.