

Group Report and Video on Robot and its Performance at Indicated Tasks 40%

The objectives of this project are to build a small autonomous robot and test its functionality. The report should be produced jointly by each group and should document all the elements of the project:

Abstract

This should be a short abstract detailing the work and achievements.

Introduction

This should introduce the project in general and highlight the overall aims and objectives.

System elements (describing all of the sub-systems in the vehicle)

The sensors and the circuits used for them should be described, including how the sensor sub-systems were tested. This should include explanations of the software and how it works. Explanations of the parameters that can be changed. Description of how the robot was developed to get best performance. Cite references where appropriate.

Final performance

The performance of the robot for the different tasks should be discussed highlighting the strengths and the weaknesses of the robot system.

Conclusions

This should bring together the conclusions that you have made after undertaking the project. You can also suggest further system developments in this section.

	Grade
Abstract	
Introduction	
System elements	
Final performance	
Discussion & conclusions	
Video of working robot	
Overall mark/100	