

ROBOT PROJECT REPORTS - OUTLINE AND REQUIREMENTS

Outline of Report:

Cover page – Title, Course, date, and your name

Table of Contents

Abstract – Brief summary of robot project and main results

Introduction – Brief summary of the robotic application and the sections of the report. Make it interesting! In your own words!

Section 1 - Introduction to the project **in your own words!**

Section 2 - Applications of your robot

Section 3 - Specifications and technical details of the robot including all the sensors

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. (LIMIT THESE SECTIONS TO ABOUT 5 PAGES TOTAL.)

Section x or Appendix - Programming the system or robot and other data supporting your robotic application.

The sections should cover the hardware and software requirements for the system or robot selected. Include all the technical details you can.

Use your own words as much as possible and proofread the report carefully. If you copy from the WEB, etc. give the reference but also summarize the material in your own words.

Glossary – Definition of special terms and all acronyms.

References – List of all sources for the report – These may be tied to reference numbers in the report. Note: Don't just list the references, describe them a bit.

To be included in all project reports (if applicable)

Cost Analysis

Trade offs analysis – alternative ways of accomplishing the result – and the reasons for choosing your method

If a product – Description and references for safety requirements and any standards that may apply – i.e. UL listing may be necessary

Grading:

75% Final presentation, demonstration, etc.

15% Report format and readability

10% Originality and interest of topic to the class