

# 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.

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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