

## **ROBOT Essay Homeworks - OUTLINE AND REQUIREMENTS**

### **Outline of Essay:**

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

**Table of Contents if needed and a number of different topics are covered**

### **FOR EACH VIDEO OR PAPER:**

**20. Introduction – IN YOUR OWN WORDS.** Brief summary of the robotic application and the sections of the report. Make it interesting!

What did the video or paper cover?

- Main topics
- Conclusion

**20 Summary of what you are going to cover in the essay**

**Describe briefly what is to follow- Topic 1, Topic 2, ...**

**30 Discussion of key points**

- What does system or robot do?
- How does it do it?
- **Emphasize sensors and sensing, data acquisition, processing and control**

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

**10** 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.

**10 For all of this:**

**Glossary** – Definition of special terms and all acronyms.

**References** – List of all sources for the essay – These may be tied to reference numbers in the report. Note: Don't just list the references - describe them a bit. Try to include the date of the reference if possible.

**Appendix** – If there are data sheets, code, summary tables and the like, put them here.

The 100 total will be divided by the number of problems assigned.