

CENG 4391 Robotics

Homework Project Report Spring 2016 Due April 12

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The project will consist of a design with documentation for a complete robotic system serving some useful purpose. The presentation will consist of a brief lecture and report on the project at the end of the semester. Make a short presentation to class.

1st Brief Report - 90 Points - I expect only several pages here. Keep it SHORT and to the point!

Write a short report on your project to hand in and discuss with the class. This should follow the general form of the final report described below. Use your own words!

The report should give an outline of your project and what you intend include for the final report. Describe the Robotic application in detail and give the specifications of the robot in terms of its physical configuration. Make sure you include the type of sensors and their characteristics

The report should include the engineering and computer properties of the robotic system you are studying. Include a description of the software for the robot including the basic architecture of the software in block diagram form.

Please refer to the descriptions of the Specification of Robots and robotic elements for the form of the technical content. Give as much detail as you can. Obviously, you may not know all of the technical details but do your best.

NOTE: 10 Points List all references - the web URL, books, etc. Give a brief summary of the references (5 of the 10 Points).