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School of Engineering

BEng (Hons) Communication & Electronic Engineering

(Module EN312)

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**Final Project Report**

**Design of Remote Sensing Vehicle**

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**ABSTRACT****UCSI  
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The engineering project was started from January till August, a total of two semester and eight. This topic is the culminations of the engineering application activity, which require student to apply both theoretical and practical skill that developed over the previous three years. This report contents of the researches and designs of the **REMOTE SENSING VEHICLE**.

The aim of the project is to develop a remote sensing autonomous vehicle capable of returning information about the vehicle's surrounding as well as the condition of the vehicle to the base station (PC). The user may also manually override the autonomous capability of the vehicle from the vehicle from the base station.

Therefore this report clearly shows the overall initial idea, the design and the basic concept of remote sensing vehicle. The beginning few chapter of this report gives an overview and introduction as well taking account of researching and developing of vehicle as the main section of the report. Lastly conclusion will be ending for this two semester or eight months' hard works.