

MAJOR PROJECT - Final Report – 55%

Student Name:	Daniel Lennon
Title of Project:	Piezoelectric Energy Harvesting
Supervisor:	Steve Mosey
2 nd marker:	Geoff Jones
Course:	BIT BusComp CIS CNets CSE Electrical Games Mobile TRE SE Web (please circle)
Project Type:	Survey Review Experiment <u>Development</u> (please circle)

	Mark %
<u>First Marker's General Comments and Original Mark</u>	52.8%
<u>Second Marker's General Comments and Original Mark</u>	
<u>Comment After Consultation With Other Marker & Final Agreed Mark</u>	

Signature: Steve Mosey Date:

	Survey	Review	Experiment	Development
1. Research-informed Literature				
Introduction	/5	/5	/5	3 /5
Literature Review	/20	/35	/20	8-25 /15

60%

55%

Comments:

Introduction is brief
 literature review not good but missing description
 of what piezoelectricity is

	Survey	Review	Experiment	Development
2. Knowledge and Understanding of Subject				
Methodology	/5	/5	/5	2 /5
Survey Design	/15	-	-	-
Requirements/Design	-	-	-	2 /5

Comments:

While there was some kind of methodology used during the project it was not explicitly stated in the report.

Your end goal was to develop an energy harvesting system for lighting steps but the requirements for the final system were not discussed in enough detail.

	Survey	Review	Experiment	Development
3. Analysis				
Results & Discussions	/25	/25	/25	13.5 /25
Conclusions and Recommendations	/10	/10	/10	5.8 /10

Comments:

Results somewhat questionable due to a meter being used instead of an oscilloscope. Nonetheless a valid discussion on scaling the project

	Survey	Review	Experiment	Development
4. Practical Application and Deployment				
Development	-	-	-	7 /15
Experimental Design	-	-	/15	-

Comments:

	Survey	Review	Experiment	Development
5. Skills for Professional Practice				
Reflection	/10	/10	/10	5-25 /10
Quality of Report	/10	/10	/10	6 /10
Comments:				
TOTAL:	/100	/100	/100	/100