

ELEC 3300 Project Grading Rubric

Project Demonstration: Max 65 marks

Project Presentation: Max 15 marks

	0	1	2	3	4
Project Complexity	Project shows only simple on/off control on both hardware and software. (0%)	The processor directly controls all the aspects of the hardware, simple controls are used in the software. (6%)	Project hardware is a mix of analogue and digital signals, software part used some features of the processor. (12%)	Hardware consists of various kind of interface before going to the processor, with software controlling the other interfaces. (20%)	The whole project consists of a complex hardware and software design. Careful hardware design and software design algorithm is being shown. (30%)
Project Understanding	No understanding of how the system works. (0%)	Little understanding of the project. System is designed without justification of knowledge or methodology. (3%)	System is simply designed according to the generic understanding. Cannot justify uses of analog or digital signals or methodology. (6%)	System is designed with appropriate use of analog, digital signals, and correct methodology. (10%)	Clear understanding of the project. System is designed with justification and appropriate use of analog, digital signals and methodology. (15%)
Project Originality	Project is a replication of lab experiments. (0%)	Project is an application of two to three of the lab experiments. (2%)	Project is an application of all the labs done before. (4%)	Extended integration of lab materials with extra circuits or software. (8%)	Application of labs together with extra circuits or software extended to creative design. (12%)
Completeness	The project fails to run, both hardware and software is simply cannot integrate together. (0%)	The project cannot run, however, can show partial functionality with forced input with either hardware or software. (2%)	The project can run, however, it encounters errors on specified input. (4%)	The project can run with specified inputs. It encounters error with input that is not specified. (6%)	The project can run smoothly without major error. (8%)
Oral Presentation with PowerPoint	Unclear descriptions of project. Presentation is either overtime or under time for 5 minutes or more. (0%)	Poor description of project, not easy to understand. Presentation is 2-3 minutes over/under time. (3%)	Fair description of project, still understandable, just in time. (6%)	Clear descriptions with minor mistakes and good time management. (10%)	Clear and precise description of project, and within time limit. (15%)