

Final Project Demonstration Grading Rubric

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1. Grading

For the Spring 2021 Digital Logic Design ECEN3233 class, we will grade the final project via a demonstration in the Endeavor 360 Laboratory on Friday, April 30, 2021. The goal of the demonstration is the ability to showcase the project and what works and how things were accomplished for the project.

The final demonstration is the single most important measure of the success of your project. The evaluation is focused on issues of completion, testing, and reliable operation. You will demo your entire project to a team of one professor, your TA, and perhaps several peer reviewers.

Students must be able to demonstrate the full functionality of their project and any requirements listed in the project description. Credit will not be given for features which cannot be demonstrated. For tests that are lengthy or require equipment not available at the demo, students should have their lab notebooks or paper ready to show testing data. For any portion of the project which does not function as specified, students should have hypotheses (and supporting evidence) of what is causing the problem.

You will have approximately 10 minutes to demonstrate your project to the evaluators, answer questions, explain detail. Please try to keep your time to this time slot. Do not go over time as we will abruptly stop the demonstration to go onto the next project demonstration. Please also arrive early in order to set up your demonstration. Two ELVIS III DSDB boards will be set up so that you can set up your demonstration.

Specifically, Table 1 is utilized for each project team. The final scores will be adjusted to be approximately two laboratory grades for the final project.

Category	Scoring Criteria	Weight	Evaluation
Logistics	Students show up on time	10	
Understanding	Questions are answered correctly during the demonstration	25	
Observation	Results that occur during the demonstration are properly shown and occur correctly	25	
Completion	The project has been completed entirely	15	
Thoroughness	Care and attention to detail are evident in construction and layout	25	
Extra Items	Specifics to extra items in the final project	20	
Final Score		100	

Table 1: Final Grading Breakdown for Project