

Project Workload Distribution Form

Project 06

To complete this form, divide the total points allotted to each item between the three partners (in increments of 33%). In order to score 10pts each, one of the three partners will have to add at least 1 additional feature to the project.

For Project 06:	<u>Lance Gonzalez</u>	<u>Grant Kirkland</u>	<u>Kenneth Vincent</u>
	Partner 1	Partner 2	Partner 3

Demo, Step a – Introduction:

Introduction (1pt)	_____	<u>100%</u>	_____
Circuit diagram (1pt)	_____	<u>100%</u>	_____
Peltier Device Documentation (1pt)	_____	_____	<u>100%</u>
High-level flowchart (1pt)	<u>100%</u>	_____	_____

Demo, Step b – ADC/TEMP/RTC Functionality:

LM19 ADC (2)	_____	_____	<u>100%</u>
LM19 Temperature Calibration (1)	_____	<u>100%</u>	_____
LM92 ADC(3)	_____	<u>100%</u>	_____
LM92 Temperature Calibration (1)	_____	_____	<u>100%</u>
Temperature Timing (2)	_____	<u>50%</u>	<u>50%</u>
Temperature Averaging (2)	_____	<u>100%</u>	_____
RTC Implementation (1)	_____	_____	<u>100%</u>
Timer Reset / Timeout (1)	_____	<u>100%</u>	_____

Demo, Step c – Peltier Device/Feedback

Peltier Device Heat (2)	<u>100%</u>	_____	_____
Peltier Device Cool (2)	<u>100%</u>	_____	_____
Peltier Device Off (2)	<u>100%</u>	_____	_____
Feedback Control Loop (4)	<u>90%</u>	<u>10%</u>	_____

Demo, Step d – LCD/LED Output

LCD Setpoint Formatting (2)	<u> </u>	<u>20%</u>	<u>80%</u>
LCD Window Formatting (2)	<u>50%</u>	<u> </u>	<u>50%</u>
LED Heat (1)	<u> </u>	<u>100%</u>	<u> </u>
LED Cool (1)	<u> </u>	<u> </u>	<u>100%</u>
LED mode C (1)	<u> </u>	<u> </u>	<u>100%</u>
LED mode D (1)	<u> </u>	<u> </u>	<u>100%</u>