6 Micro Processors — Using the SPI and I2C bus

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I am submitting my own work, and I accept penalties will be assessed against me if I submit work that isn't mine.

Print Name _____ Sign Name _____ Date _____ Asst. Signature _____

Point Scale
4: Exemplary
3: Complete
2: Incomplete
1: Minor effort
0: Not submitted

Requirements	**Pts**	x	**Wt**	=	**Score**
1. Read ID codes from Blackboard's Inertial Module		x	3	=	
2. Acquire data from the Inertial Module		x	3	=	
3. Configure the SPI module to generate interrupts		x	4	=	
4. Read the temperature sensor via I2C		x	4	=	
5. Setup timer and I2C interrupts to read the temperature sensor		x	4	=	
Total Score (add all rows)					
Leave blank for on-time submission, or: Enter ***+7*** if one or more weeks early; Enter ***-12*** if one or two weeks late; Enter ***X*** if two or more weeks late					
Requirements Possible Score: 72 — Add the two rows above for the Requirements Earned Score. Enter ***0*** if more than two weeks late					

Challenges	**Pts**	x	**Wt**	=	**Score**
1. Create a system that reads from a variety of sensors		x	6	=	
Total Score (add all rows)					
Leave blank for on-time submission, or Enter ***+4*** if one or more weeks early; Enter ***-5*** if one or two weeks late; Enter ***X*** if two or more weeks late					
Challenges Possible Score: 24 — Add the two rows above for the Challenges Earned Score, or Leave blank if no challenges submitted, Enter ***0*** if more than two weeks late					