Capstone Project Budget Template - Fall/Spring

Project: KiloWatts- Developing a low-cost pyranometer (One unit)

Last Updated 09/17/20

Expense Items	Year: Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Item Total		
Equipment/Tools:											
solding kit?		$ 20							$ 20		
Travel:											
									$ -		
									$ -		
Supplies / Parts / Services:											
3D printing filiment		$ 30							$ 30		
Fasteners		$ 20							$ 20		
Light sensors		$ 15							$ 15		
Electrical wiring		$ 15							$ 15		
Glass half domes		$ 10		$ 10					$ 20		
Weather proofing? (calk, flex seal)			$ 10						$ 10		
Shipping costs/postage		$ 20	$ 10						$ 30		
Circuit board and components		$ 30	$ 10						$ 40		
									$ -		**Expenses**
										$ 200	**Subtotal**
Shop Usage (est. Hrs):									Hours		
3D Printing			10						10		
Prototype construction			10	10					20		
Solar lamp calibration(?)				3	3	3			9		
Prototype field testing						5	5	5	15		
									0		
									0		

Graduate Student Support (10%?)	$ 20	**including fringe**	
Shop Overhead	$ -		
University Overhead	$ 11	**5% of all expenses**	
10% Error	$ 20.00		
Totals	**$ 251**	**$ 275**	$ 24
		Budget	Excess