

ID	Task Name	Start	Finish	Duration	Spring 2015 - Spring 2016							
1	Research	Spring 2015	Spring 2016	40 Weeks								
2	Diode Selection	Fall 2015	Fall 2015	1 Week								
3	Diode Configuration	Fall 2015	Mid Fall 2015	6 Weeks								
4	Filter Design	Mid Fall 2015	Mid Fall 2015	6 Weeks								
5	Impedance Matching	Mid Fall 2015	End Fall 2015	6 Weeks								
6	Purchase Parts	End Fall 2016	End Fall 2015	1 Day								
7	Circuit Implementation	Beginning Spring 2016	Mid Spring 2016	12 Weeks								
8	Contact Manufacturer	Mid Spring 2016	End Spring 2016	1 Week								
9	Test Product	End Spring 2016	End Spring 2016	3 Weeks								

For this period we decided to backtrack a little bit and try and find a better solution to our filter design. We now have implemented two low pass filters at the input of the system and have a large capacitance in parallel with our output to give us our DC signal. Right now in simulation the system is functioning around 90% efficiency, which is very promising. The next step will be to find the capacitors and inductors that will be used in the physical system and implement them. Once we have these components selected we can move onto the impedance matching section of the project.