

Wildlife Tracking System - Work Plan

EELE 489

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Month:	Jan		Feb				Mar				Apr				May	
Week of:	19th	26th	2nd	9th	16th	23rd	2nd	9th	16th	23rd	30th	6th	13th	20th	27th	4th
Task/Process																
Initial Meetings w/ Advisor&Sponsor	█															
Learn operation of all parts	█	█														
Assemble & test old system		█														
Create an updated, detailed schematic of electrical connections			█													
Update physical layout of parts in efficient & reasonable manner			█													
Design, order & assemble shielding			█	█	█											
Verify All Connections & fix any outstanding issues					█											
Assemble Prototype						█	█									
Spring Break, optional work if behind schedule								█								
Prototype Field Test 1									█							
Begin constructing/researching alternate design (if necessary)									█							
Prototype Field Test 2										█						
Final Alterations from field tests											█	█				
Provide Written Operating Documentation/Instructions													█	█		
Key Dates																
Product Readiness Review		█														
Attend first-semester PDRs (optional)						█										
Prototype Rollout												█				
Final Webpage Due													█			
Attend first-semester CDRs (optional)														█		
Design Fair (4/30 9AM)															█	
Final Report Due																█
Design Journal Due																█
Weekly Report Submission				Kris	Ryan	Gavin	Chris	Kris		Ryan	Gavin	Chris	Kris	Ryan	Gavin	Chris

Responsibility	Kris	Ryan	Gavin	Chris
Quadcopter Package/System		█		
5.8GHz Relay System			█	
Audio Connections			█	
Batteries			█	
GoPro System			█	
VHF System				█
Antennas				█
User Interface (flight controller)	█			
Webpage	█			
Grounding	█	█		
Shielding	█	█		
Wiring & Schematics				█
Field Test mapping		█		
Calculations				█