Capstone Project Schedule - Summer Fall

Project: CSC Rear Drive
Last Updated: 7/31/2019

Category | In Progress | Complete | Past Due | Coming Up
Sub-Category

Drawing Package of Rear Suspension Assembly

Drawing Package of Rail Assembly
Drawing Package of Front Suspension Assembly

		Year	2018																														
		Month	June			July					Aug				Sept					Oct				Nov				Dec					
Task Description	**Duration**	**Assign**	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4	11/11	11/18	11/25	12/2	12/9	12/16	12/23	12/30
Client Interview Question	1w	All																															
Client Interview	1w	All																															
Skid Removal	1w	Omar/Saleh																															
Alumni Interview	1w	Adam/Omar																															
Complete Requirments	1w	All																															
Solid Model Stock Skid	3w	All																															
- CAD of Rail Assembly	2w	Adam																															
- CAD of Front Suspension Assembly	2w	Saleh																															
- CAD of Rear Suspension Assembly	3w	Omar																															
Concept Design Development- Project Learning	5w																																
-Electronic Power Transmission		Adam																															
- Hydrostatic Motor		Omar																															
- Dual Driven Skid		Saleh																															
- Single Rear Driven Skid		Adam																															
Snapshot Day 1	1d	Presentation					X																										
Design Validation Plan	3w																																
-Initial Plan		Adam																															
-Detailed Plan		All																															
Value Proposition	2w																																
-Each Team Member Drafts a V.P.	1w	All																															
-Final V.P. Drafted	1w	Adam																															
Concept Design Review	1d	Meeting							X																								
EPO of Long Lead Parts	1w	Saleh								X																							
Snapshot Day 2	1d	Presentation								X																							
Solid Model Design Skid & BOM	6w	All																															
Rail & Driver Axles Assembly																																	
Detailed CAD																																	
FEA																																	
Drawing Package & BOM																																	
Forward Suspesion																																	
Detailed CAD																																	
FEA																																	
Drawing Package & BOM																																	
Rear Suspension																																	
Detailed CAD																																	
FEA																																	
Drawing Package & BOM																																	
Mid-Design Review																X																	
Detailed Design Review Adjustments																																	
Engineering Release Review	1d	Meeting																X															
Pre-Manufacturing Design Adjustments																																	
dFMEA	3w																																
Rail & Driver Axles Assembly																																	
Forward Suspension Assembly Parts																																	
Rear Suspension Assembly Parts																																	
Fabricate Prototype Suspension	6w	All																															
Rail Modification to accommodate pulley/driver axles																																	
Fabrictaion of Forward-Mid-Rear Axles																																	
Fabrication of Forward Suspension Arm																																	
Fabrication of Rear Suspension Arm																																	
Snapshot Day 3	1d	Presentation																				X											
Assembly of Design Skid																																	
Assembly Instructions	1w																																
Testing of Fabricated Skid	3w																																
Design Validation Plan & Results	1w	All																															
Snapshot Day 4	1d	Presentation																										X					
Expo Poster	4d	All																															
Design Report	2w	All																															