

TASK NAME	RESPONSIBLE	Date	Sep-15					Oct-15					Nov-15					Dec-15					Jan-16					Feb-16					Mar-16					Apr-16				
			1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	1	8	15	22	29	5	12	19	26					
General System Design	All	September 4, 2015	[Red bar from Sep 1 to Sep 29]																																							
Stator Design		November 17, 2015	[Red bar from Sep 1 to Nov 24]																																							
Research Winding Types	Tim	September 22, 2015	[Red bar from Sep 22 to Sep 29]																																							
Pole and Slot Pitch	Mason	September 22, 2015	[Red bar from Sep 22 to Sep 29]																																							
Pole Depth	All	November 17, 2015	[Red bar from Nov 17 to Nov 24]																																							
Slot/Teeth Ratio	All	October 27, 2015	[Red bar from Oct 27 to Nov 3]																																							
Number of Coil Windings	All	November 17, 2015	[Red bar from Nov 17 to Nov 24]																																							
Purchasing	All	November 30, 2015	[Blue bar from Nov 24 to Dec 1, labeled 50%]																																							
Construction		February 2, 2016	[Blue bar from Dec 1 to Feb 2, labeled 0%]																																							
Coil Windings	Mason and Tim	January 25, 2016	[Blue bar from Dec 1 to Jan 25, labeled 0%]																																							
Stator Mount	Mason and Tim	February 8, 2016	[Blue bar from Dec 1 to Feb 8, labeled 0%]																																							
Microcontroller Sytem	Tyler	February 8, 2016	[Blue bar from Dec 1 to Feb 8, labeled 0%]																																							
VFD Programming	Tyler	February 8, 2016	[Blue bar from Dec 1 to Feb 8, labeled 0%]																																							
Sensor Programming	Tyler	January 25, 2016	[Blue bar from Dec 1 to Jan 25, labeled 0%]																																							
Implementation	All	February 9, 2016	[Blue bar from Feb 2 to Feb 9, labeled 0%]																																							
Testing	All	March 7, 2016	[Blue bar from Feb 23 to Mar 7, labeled 0%]																																							
Deliverables			[Red bars for project milestones from Sep 1 to Dec 3]																																							
Project Proposal - Oral Presentation	All	October 1, 2015	[Red bar from Sep 1 to Sep 29]																																							
Project Proposal - Written	All	October 15, 2015	[Red bar from Sep 15 to Sep 29]																																							
Webpage Release	All	October 28, 2015	[Red bar from Oct 15 to Oct 29]																																							
Fall Progress Presentation	All	November 19, 2015	[Red bar from Oct 29 to Nov 3]																																							
Fall Performance Evaluation	All	November 19, 2015	[Red bar from Oct 29 to Nov 3]																																							
Fall Performance Review	All	December 3, 2015	[Red bar from Nov 3 to Nov 10]																																							
Spring Progress Presentation	All	February 18, 2016	[Blue bar from Jan 25 to Feb 18]																																							
Student Expo Abstract	All	March 18, 2016	[Blue bar from Feb 18 to Feb 25]																																							
Project Demonstration	All	March 24, 2016	[Blue bar from Feb 25 to Mar 7]																																							
Final Presentation	All	April 7, 2016	[Blue bar from Mar 7 to Mar 14]																																							
Student Expo Poster Printing Deadline	All	April 11, 2016	[Blue bar from Mar 14 to Mar 21]																																							
Student Expo Poster Setup	All	April 12, 2016	[Blue bar from Mar 21 to Mar 28]																																							
Student Expo	All	April 14, 2016	[Blue bar from Mar 28 to Apr 4]																																							
Final Report	All	April 28, 2016	[Blue bar from Apr 4 to Apr 11]																																							
Final Webpage	All	April 28, 2016	[Blue bar from Apr 11 to Apr 18]																																							
Advisory Board Poster Printing Deadline	All	April 28, 2016	[Blue bar from Apr 18 to Apr 25]																																							
Advisory Board Poster Presentation	All	April 26, 2016	[Blue bar from Apr 25 to Apr 2]																																							

This week the team focused on finalizing the design of the LIM's stator. The project advisor reviewed the stator design and the calculations done by the team. After discussion with the advisor it was determined that the initial assumption for the coil winding factor was too high and was changed to meet expectations. Further simulations of the output power were done to confirm the design or determine the necessary changes needed to update the design. The design will be sent out to be manufactured by a third party over the winter break period.