

MSD II - P13029 - JUMPING ROBOT TIGER (AIR MUSLCEs)

ID #	Tasks	Days	Start	Finish	Start Week	Finish Week	Assignments
1	Muscle Testing and Development	20	4-Mar-2013	24-Mar-2013	1	5	
1.1	Orifice Size Testing	6	4-Mar-2013	10-Mar-2013	1	1	Andrew Pace
1.2	Wall Thickness Testing	6	11-Mar-2013	17-Mar-2013	2	2	Andrew Pace
1.3	Decision on Prototype Muscle	6	18-Mar-2013	24-Mar-2013	3	3	Group
1.4	Testing Spring Return/Landing	13	11-Mar-2013	24-Mar-2013	2	3	Sean Mosier, Andrew Pace
1.5	Air Supply Development	34	4-Mar-2013	7-Apr-2013	1	5	Group
2	Theoretical Analysis (MatLab)	20	4-Mar-2013	24-Mar-2013	1	3	
2.1	Finish Simulations	20	4-Mar-2013	24-Mar-2013	1	3	Jeff Manicone, Sean Mosier
2.2	Incorporate Test Data	13	11-Mar-2013	24-Mar-2013	2	3	Jeff Manicone, Sean Mosier, Andrew Pace, Trevor Crandell
2.3	Final Evaluation	6	18-Mar-2013	24-Mar-2013	3	3	Group
3	Prototype Build	20	4-Mar-2013	24-Mar-2013	1	3	
3.1	Order Parts for Prototype	6	4-Mar-2013	10-Mar-2013	1	1	Trevor Crandell, Andrew Pace
3.2	Machine Parts	6	11-Mar-2013	17-Mar-2013	2	2	Trevor Crandell, Andrew Pace
3.3	Assemble Prototype	13	11-Mar-2013	24-Mar-2013	2	3	Trevor Crandell, Andrew Pace
4	Prototype Testing	48	25-Mar-2013	12-May-2013	4	10	
4.1	Theoretical Based Testing	27	25-Mar-2013	21-Apr-2013	4	7	Group
4.2	Purely Experimental Testing	27	25-Mar-2013	21-Apr-2013	4	7	Group
4.3	Final Adjustments	20	22-Apr-2013	12-May-2013	8	10	Group
5	Arduino Testing	69	4-Mar-2013	12-May-2013	1	10	
5.1	Basic Program for Testing	27	4-Mar-2013	31-Mar-2013	1	4	Phil Brown
5.2	Program for Final Product	27	8-Apr-2013	5-May-2013	6	9	Phil Brown
5.3	Precise Solenoid Timing	27	8-Apr-2013	5-May-2013	6	9	Group