

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	March		April				May					
							2/15	2/22	3/1	3/8	3/15	3/22	3/29	4/5	4/12	4/19	4/26	5/3
1	<b>Week 1</b>	<b>5 days</b>	<b>Mon 3/9/09</b>	<b>Fri 3/13/09</b>														
2	Preliminary Designs for Test Stand	3 days	Mon 3/9/09	Wed 3/11/09														
3	Get Simulation Working	5 days	Mon 3/9/09	Fri 3/13/09														
4	<b>Week 2</b>	<b>5 days</b>	<b>Mon 3/16/09</b>	<b>Fri 3/20/09</b>														
5	Apply Force Characteristics to Simulation	5 days	Mon 3/16/09	Fri 3/20/09														
6	Build Test Muscles	2 days	Mon 3/16/09	Tue 3/17/09														
7	Buy Supplies for Controls	1 day	Mon 3/16/09	Mon 3/16/09														
8	<b>Week 3</b>	<b>2 days</b>	<b>Mon 3/23/09</b>	<b>Tue 3/24/09</b>														
9	Refine Control System to test muscles	2 days	Mon 3/23/09	Tue 3/24/09														
10	Test Relays	1 day	Mon 3/23/09	Mon 3/23/09														
11	Run through Demos (Toolkit)	1 day	Mon 3/23/09	Mon 3/23/09														
46	Continue Work on Simulation	5 days	Mon 3/23/09	Fri 3/27/09														
13	<b>Week 4</b>	<b>5 days</b>	<b>Mon 3/30/09</b>	<b>Fri 4/3/09</b>														
14	Make list of joints to test	1 day	Mon 3/30/09	Mon 3/30/09														
15	Complete final Test Plan	2 days	Mon 3/30/09	Tue 3/31/09														
17	<b>Week 5</b>	<b>3 days</b>	<b>Mon 4/6/09</b>	<b>Wed 4/8/09</b>														
18	Demonstrate simulation with displacement	1 day	Mon 4/6/09	Mon 4/6/09														
19	Read displacement into LabVIEW	3 days	Mon 4/6/09	Wed 4/8/09														
47	Continue Work on Simulation	5 days	Mon 4/6/09	Fri 4/10/09														
48	Work on Air Muscle math and dynamics	1 day	Mon 4/6/09	Mon 4/6/09														
49	Order Mechanical Parts (elbow, forearm, wrist)	1 day	Mon 4/6/09	Mon 4/6/09														
50	Design Test Stand	5 days	Mon 4/6/09	Fri 4/10/09														
20	<b>Week 6</b>	<b>5 days</b>	<b>Mon 4/13/09</b>	<b>Fri 4/17/09</b>														
21	Determine Control System Flow	3 days	Wed 4/15/09	Fri 4/17/09														
22	Get forces working for joint simulations	2 days	Mon 4/13/09	Tue 4/14/09														
23	Inventory/ Finalize BOM	3 days	Mon 4/13/09	Wed 4/15/09														
51	Continue Work on Simulation	5 days	Mon 4/13/09	Fri 4/17/09														
52	Order Parts for Test Stand	1 day	Tue 4/14/09	Tue 4/14/09														
25	<b>Week 7</b>	<b>4 days</b>	<b>Mon 4/20/09</b>	<b>Thu 4/23/09</b>														
26	Build first joint (elbow)	3 days	Mon 4/20/09	Wed 4/22/09														
27	Build Test Stand and begin testing	3 days	Mon 4/20/09	Wed 4/22/09														
28	Develop Poster	4 days	Mon 4/20/09	Thu 4/23/09														
29	Apply Mathematical Models	1 day	Mon 4/20/09	Mon 4/20/09														
53	Continue Work on Simulation	5 days	Mon 4/20/09	Fri 4/24/09														
31	<b>Week 8</b>	<b>3 days</b>	<b>Mon 4/27/09</b>	<b>Wed 4/29/09</b>														
32	Continue testing	3 days	Mon 4/27/09	Wed 4/29/09														
33	Characterize more air muscles	2 days	Mon 4/27/09	Tue 4/28/09														
54	Apply math model	5 days	Mon 4/27/09	Fri 5/1/09														
35	<b>Week 9</b>	<b>1 day</b>	<b>Mon 5/4/09</b>	<b>Mon 5/4/09</b>														
36	Apply math model to simulation	1 day	Mon 5/4/09	Mon 5/4/09														
55	Calibrate forces in Simulation	5 days	Mon 5/4/09	Fri 5/8/09														
38	<b>Week 10</b>	<b>5 days</b>	<b>Mon 5/11/09</b>	<b>Fri 5/15/09</b>														
39	Calibrate forces in simulation	1 day	Mon 5/11/09	Mon 5/11/09														
41	Finish Simulation	5 days	Mon 5/11/09	Fri 5/15/09														
42	<b>Week 11</b>	<b>45 days</b>	<b>Mon 3/23/09</b>	<b>Fri 5/22/09</b>														
43	Demonstrate working simulation of air muscles	5 days	Mon 5/18/09	Fri 5/22/09														
44	Show test stand	5 days	Mon 5/18/09	Fri 5/22/09														
45	Prove math model	5 days	Mon 5/18/09	Fri 5/22/09														

Project: MSDII Project Schedule (Gan  
Date: Wed 4/15/09

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	