

SDSchedule2

ID	Task Name	Deadline	Start	Finish	Duration	Resource Names
1	MSDI	NA	Mon 11/29/10	Fri 2/25/11	65 days	
14	MSDII	NA	Mon 3/7/11	Fri 5/20/11	55 days	
15	Week 1	NA	Mon 3/7/11	Fri 3/11/11	5 days	
16	Chassis	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	Nick
17	Machine parts from scrap	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
18	Order remaining materials	Wed 3/9/11	Mon 3/7/11	Mon 3/7/11	1 day	
19	Prepare base for welding	Fri 3/11/11	Mon 3/7/11	Tue 3/8/11	2 days	
20	Spreader	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	Jay
21	Machine parts from scrap	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
22	Order remaining materials	Wed 3/9/11	Mon 3/7/11	Mon 3/7/11	1 day	
23	Order/Obtain bolts	Wed 3/9/11	Mon 3/7/11	Tue 3/8/11	2 days	
24	Motion Control	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	Chris
25	Order any remaining motors	Wed 3/9/11	Mon 3/7/11	Tue 3/8/11	2 days	
26	Wire the motors / connectors	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
27	Familiarize with code and Arduin	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
28	Binder	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	Matt
29	Obtain working syringe system	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
30	Determine amount of binder req	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
31	Determine which binder to use	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
32	Deliverables	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	
33	Update test plan	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days?	Carlos
34	Assembly manufacturing plan	Fri 3/11/11	Mon 3/7/11	Fri 3/11/11	5 days	Carlos,Chris,Jay,Matt,Nick
35	Week 2	NA	Mon 3/14/11	Fri 3/18/11	5 days	
36	Chassis	Fri 3/18/11	Mon 3/14/11	Fri 3/18/11	5 days	Nick
37	Build Base	Fri 3/18/11	Mon 3/14/11	Mon 3/14...	1 day	
38	Obtain / Build spreader rails	Fri 3/18/11	Tue 3/15/11	Tue 3/15/11	1 day	
39	Build surrounding box	Fri 3/18/11	Wed 3/16/11	Thu 3/17/...	2 days	
40	Build Platform	Fri 3/18/11	Thu 3/17/11	Fri 3/18/11	2 days	
41	Spreader	Fri 3/18/11	Mon 3/14/11	Mon 3/14...	1 day?	Jay
42	Machine all parts	Fri 3/18/11	Mon 3/14/11	Mon 3/14...	1 day?	

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43	Begin Assembly / Test fit	Fri 3/18/11	Mon 3/14/11	Mon 3/14...	1 day?	
44	Motion Control	Fri 3/18/11	Mon 3/14/11	Thu 3/17/...	4 days	Chris
45	Bench test motors	Fri 3/18/11	Mon 3/14/11	Thu 3/17/...	4 days	
46	Test solenoid with hopper	Thu 3/17/11	Mon 3/14/11	Mon 3/14...	1 day	
47	Binder	NA	Mon 3/14/11	Fri 3/18/11	5 days	Matt
48	Test fit UA to spreader	Fri 3/18/11	Thu 3/17/11	Fri 3/18/11	2 days	
49	Order / make binder	Fri 3/18/11	Mon 3/14/11	Thu 3/17/...	4 days	
50	Week 3	NA	Mon 3/21/11	Fri 3/25/11	5 days	
51	Chassis	Fri 3/25/11	Mon 3/21/11	Thu 3/24/...	4 days	Nick
52	Add ball screw jacks	Fri 3/25/11	Mon 3/21/11	Mon 3/21...	1 day	
53	Test alignment / parallelism	Fri 3/25/11	Mon 3/21/11	Tue 3/22/11	2 days	
54	Assemble chassis	Fri 3/25/11	Mon 3/21/11	Thu 3/24/...	4 days	
55	Check fitment of spreader head	Fri 3/25/11	Mon 3/21/11	Mon 3/21...	0.5 days	
56	Spreader	Fri 3/25/11	Mon 3/21/11	Fri 3/25/11	5 days	Jay
57	Finish / Polish / Paint parts	Fri 3/25/11	Mon 3/21/11	Wed 3/23...	3 days	
58	Assemble final spreader	Fri 3/25/11	Wed 3/23/11	Fri 3/25/11	3 days	
59	Test hopper with powder (check	Fri 3/25/11	Thu 3/24/11	Thu 3/24/...	1 day	
60	Motion Control	Fri 3/25/11	Mon 3/21/11	Fri 3/25/11	5 days	Chris
61	Test connection w/ ball screw ja	Fri 3/25/11	Mon 3/21/11	Tue 3/22/11	2 days	
62	Integrate motors into system	Fri 3/25/11	Wed 3/23/11	Fri 3/25/11	3 days	
63	System	Fri 3/25/11	Mon 3/21/11	Fri 3/25/11	5 days	Carlos,Chris,Jay,Matt,Nick
64	Assemble full system	Thu 3/24/11	Mon 3/21/11	Thu 3/24/...	4 days	
65	Check fitment of parts	Fri 3/25/11	Fri 3/25/11	Fri 3/25/11	1 day	
66	Week 4	NA	Mon 3/28/11	Fri 4/1/11	5 days	
67	Chassis	Fri 4/1/11	Mon 3/28/11	Fri 4/1/11	5 days	Nick

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68	Finish / Polish / Paint parts	Fri 4/1/11	Mon 3/28/11	Wed 3/30...	3 days	
69	Troubleshoot fitment	Fri 4/1/11	Mon 3/28/11	Fri 4/1/11	5 days	
70	Spreader	Fri 4/1/11	Mon 3/28/11	Fri 4/1/11	5 days	Jay
71	Get roller and blade to function	Wed 3/30/11	Mon 3/28/11	Wed 3/30...	3 days	
72	Troubleshoot fitment	Fri 4/1/11	Mon 3/28/11	Fri 4/1/11	5 days	
73	Motion Control	Fri 4/1/11	Mon 3/28/11	Mon 3/28...	1 day?	Chris
74	Run motors and verify code (w/c	Fri 4/1/11	Mon 3/28/11	Mon 3/28...	1 day?	
75	Develop run procedure	Fri 4/1/11	Mon 3/28/11	Mon 3/28...	1 day?	
76	Write code to test UA w/ syringe	Fri 4/1/11	Mon 3/28/11	Mon 3/28...	1 day?	
77	Binder	Fri 4/1/11	Mon 3/28/11	Mon 3/28...	1 day?	Matt
78	Connect syringes to UA	Fri 4/1/11	Mon 3/28/11	Mon 3/28...	1 day?	
79	Test UA to get proper flow rate /	Fri 4/1/11	Mon 3/28/11	Mon 3/28...	1 day?	
80	System	Fri 4/1/11	Mon 3/28/11	Fri 4/1/11	5 days	
81	Test all axes of motion	Fri 4/1/11	Mon 3/28/11	Tue 3/29/11	2 days	Chris
82	Troubleshoot unforeseen issues	Fri 4/1/11	Wed 3/30/11	Fri 4/1/11	3 days	Carlos,Chris,Jay,Matt,Nick
83	Deliverables	NA	Mon 3/28/11	Wed 3/30...	3 days	
84	Final test plan	Fri 4/1/11	Mon 3/28/11	Wed 3/30...	3 days	Carlos,Matt
85	Week 5	NA	Mon 4/4/11	Fri 4/8/11	5 days	
86	Binder	Fri 4/8/11	Mon 4/4/11	Tue 4/5/11	2 days	
87	Determine height and flowrate f	Wed 4/6/11	Mon 4/4/11	Tue 4/5/11	2 days	Matt
88	System	Fri 4/8/11	Mon 4/4/11	Fri 4/8/11	5 days	
89	Spread powder	Wed 4/6/11	Mon 4/4/11	Wed 4/6/11	3 days	Chris,Jay,Nick
90	Spread powder and fine layer of	Thu 4/7/11	Thu 4/7/11	Thu 4/7/11	1 day	Chris,Jay,Matt,Nick
91	Troubleshoot	Fri 4/8/11	Fri 4/8/11	Fri 4/8/11	1 day	Carlos,Chris,Jay,Matt,Nick

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92	Week 6	NA	Mon 4/11/11	Fri 4/15/11	5 days	
93	Update EDGE up to this point	Fri 4/15/11	Mon 4/11/11	Fri 4/15/11	5 days	Carlos,Chris,Jay,Matt,Nick
94	Make a small specimen with roller	Wed 4/13/11	Mon 4/11/11	Tue 4/12/11	2 days	Chris,Jay
95	Make a small specimen with blade	Thu 4/14/11	Wed 4/13/11	Wed 4/13...	1 day	Chris,Jay
96	Adjust system based on results	Fri 4/15/11	Thu 4/14/11	Fri 4/15/11	2 days	Carlos,Chris,Jay,Matt,Nick
97	Week 7	NA	Mon 4/18/11	Fri 4/22/11	5 days	
98	Build actual test specimen similar w	Tue 4/19/11	Mon 4/18/11	Mon 4/18...	1 day	Carlos,Chris,Jay,Matt,Nick
99	Build improved test specimen	Wed 4/20/11	Tue 4/19/11	Tue 4/19/11	1 day	Carlos,Chris,Jay,Matt,Nick
100	Verify test specimen against test pla	Fri 4/22/11	Wed 4/20/11	Fri 4/22/11	3 days	Carlos,Matt
101	Week 8	NA	Mon 4/25/11	Fri 4/29/11	5 days	
102	Construct poster	Fri 4/29/11	Mon 4/25/11	Fri 4/29/11	5 days	Carlos,Matt
103	Improve visual apperance of system	Fri 4/29/11	Mon 4/25/11	Fri 4/29/11	5 days	Chris,Jay,Nick
104	Troubleshoot any remaining issues	Fri 4/29/11	Mon 4/25/11	Fri 4/29/11	5 days	Carlos,Chris,Jay,Matt,Nick
105	Week 9	NA	Mon 5/2/11	Fri 5/6/11	5 days	
106	Prepare system for Imagine RIT	Sat 5/7/11	Mon 5/2/11	Fri 5/6/11	5 days	Carlos,Chris,Jay,Matt,Nick
107	Build improved test specimen(s)	Fri 5/6/11	Mon 5/2/11	Wed 5/4/11	3 days	Carlos,Chris,Jay,Matt,Nick
108	Rough draft of final paper	Fri 5/6/11	Wed 5/4/11	Thu 5/5/11	2 days	Carlos,Matt
109	Week 10	NA	Mon 5/9/11	Fri 5/13/11	5 days	
110	Deliverables	NA	Mon 5/9/11	Wed 5/11...	3 days	
111	Finish verification testing	NA	Mon 5/9/11	Wed 5/11...	3 days	Carlos
112	Finalize poster	NA	Mon 5/9/11	Tue 5/10/11	2 days	Carlos,Matt
113	Finalize paper	NA	Mon 5/9/11	Tue 5/10/11	2 days	Carlos,Chris,Jay,Matt,Nick
114	Update EDGE	NA	Mon 5/9/11	Tue 5/10/11	2 days	Chris,Jay
115	Week 11	NA	Mon 5/16/11	Fri 5/20/11	5 days	
116	Present final system	NA	Mon 5/16/11	Mon 5/16...	1 day	Carlos,Chris,Jay,Matt,Nick