

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Sep 11, '16							Sep 18, '16							Sep 25, '16							Oct 2, '16						
								W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T
1		<b>Week 4</b>	<b>12 days?</b>	<b>Thu 9/8/16</b>	<b>Thu 9/22/16</b>																														
2		<b>Class 9/13</b>	<b>7 days</b>	<b>Sun 9/11/16</b>	<b>Sat 9/17/16</b>																														
3		<b>From Last Class</b>	<b>1 day</b>	<b>Tue 9/13/16</b>	<b>Tue 9/13/16</b>																														
4		Develop Action Items From Review			Tue 9/13/16																														
5		Peer Review			Tue 9/13/16																														
6		<b>Individually</b>	<b>2 days</b>	<b>Mon 9/12/16</b>	<b>Tue 9/13/16</b>																														
7		<b>Online Modules</b>	<b>2 days</b>	<b>Mon 9/12/16</b>	<b>Tue 9/13/16</b>																														
8		Systems De	30 mins?	Thu 9/8/16	Thu 9/8/16																														
9		Functional Anaylsis	30 mins?	Thu 9/8/16	Thu 9/8/16																														
10		Concept Generation	30 mins?	Thu 9/8/16	Thu 9/8/16																														
11		Functional Decomposition (1st Cut)	30 mins?	Tue 9/13/16	Tue 9/13/16																														
12		Develop Heirarchal Function Tree	30 mins?	Tue 9/13/16	Tue 9/13/16																														
13		<b>After Class</b>	<b>4 days</b>	<b>Mon 9/12/16</b>	<b>Thu 9/15/16</b>																														
14		Revise Refine and Post Functional Decomposition	45 mins?	Tue 9/13/16	Tue 9/13/16																														
15		Benchmarking	45 mins?	Thu 9/15/16	Thu 9/15/16																														
16		Concept Generation	45 mins?	Thu 9/15/16	Thu 9/15/16																														
17		Engineering Analysis	45 mins?	Thu 9/15/16	Thu 9/15/16																														
18		<b>Class 9/15</b>	<b>24 hrs</b>	<b>Tue 9/13/16</b>	<b>Thu 9/15/16</b>																														
19		<b>Individually</b>	<b>3 days?</b>	<b>Tue 9/13/16</b>	<b>Thu 9/15/16</b>																														
20		<b>Online Modules</b>	<b>1.5 hrs</b>	<b>Tue 9/13/16</b>	<b>Tue 9/13/16</b>																														
21		Developme of	45 mins?	Thu 9/15/16	Thu 9/15/16																														
22		Concept Selection	45 mins?	Thu 9/15/16	Thu 9/15/16																														
23		<b>After 9/15 Class</b>	<b>2.09 days?</b>	<b>Tue 9/20/16</b>	<b>Thu 9/22/16</b>																														
24		Continuation of Systems Design	45 mins?	Thu 9/22/16	Thu 9/22/16																														
25		Technical Capabilities Assessment	45 mins?	Thu 9/22/16	Thu 9/22/16																														

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26		Revisit Requirements	45 mins?	Tue 9/20/16	Tue 9/20/16																														
27		<b>Team Objectives</b>	<b>7 days?</b>	<b>Sun 9/11/16</b>	<b>Mon 9/19/16</b>																														
28		Contact 10 More Possible Stakeholders	7 days?	Sun 9/11/16	Mon 9/19/16																														
29		Tyler: Talk to Professors about	7 days?	Sun 9/11/16	Mon 9/19/16																														
30		End of Week 4	0 days	Mon 9/19/16	Mon 9/19/16																														
31		<b>Week 5</b>	<b>9 days</b>	<b>Mon 9/19/16</b>	<b>Tue 9/27/16</b>																														
32		<b>Class 9/20</b>	<b>5 days?</b>	<b>Tue 9/20/16</b>	<b>Sat 9/24/16</b>																														
33		<b>Individually</b>	3 days	<b>Sun 9/18/16</b>	<b>Tue 9/20/16</b>																														
34		<b>Online Modules</b>	30 mins?	<b>Tue 9/20/16</b>	<b>Tue 9/20/16</b>																														
35		Engineering Analysis Examples	30 mins?	Tue 9/20/16	Tue 9/20/16																														
36		<b>In Class</b>	<b>480 mins?</b>	<b>Tue 9/20/16</b>	<b>Tue 9/20/16</b>																														
37		Elevator Speech	30 mins?	Tue 9/20/16	Tue 9/20/16																														
38		Systems Design	30 mins?	Tue 9/20/16	Tue 9/20/16																														
39		<b>After 9/20 Class</b>	<b>3 days</b>	<b>Tue 9/20/16</b>	<b>Thu 9/22/16</b>																														
40		Continue System Design	3 days?	Tue 9/20/16	Thu 9/22/16																														
41		Prep for SDR	3 days?	Tue 9/20/16	Thu 9/22/16																														
42		Invite Design Review Attendees	3 days?	Tue 9/20/16	Thu 9/22/16																														
43		<b>Class 9/22</b>	<b>3 hrs?</b>	<b>Thu 9/22/16</b>	<b>Thu 9/22/16</b>																														
44		<b>Continue System Design</b>	<b>0.06 days</b>	<b>Thu 9/22/16</b>	<b>Thu 9/22/16</b>																														
45		Feasibility to support concept	30 mins?	Thu 9/22/16	Thu 9/22/16																														
46		Refine Concepts	30 mins?	Thu 9/22/16	Thu 9/22/16																														
47		<b>Team Objectives</b>	<b>7 days?</b>	<b>Mon 9/19/16</b>	<b>Sun 9/25/16</b>																														
48		Interview Stakeholders Contacted	7 days?	Mon 9/19/16	Sun 9/25/16																														

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49		End of Week 5	1 day	Sat 9/24/16	Sat 9/24/16																				
50		<b>Week 6</b>	<b>12 days</b>	<b>Thu 9/22/16</b>	<b>Tue 10/4/16</b>																				
51		<b>Class 9/27</b>	<b>6 days?</b>	<b>Thu 9/22/16</b>	<b>Tue 9/27/16</b>																				
52		<b>Individually</b>	<b>6 days</b>	<b>Thu 9/22/16</b>	<b>Tue 9/27/16</b>																				
53		<b>Online Modules</b>	<b>45 mins?</b>	<b>Thu 9/22/16</b>	<b>Thu 9/22/16</b>																				
54		Prep for System Design Review	45 mins?	Tue 9/27/16	Tue 9/27/16																				
55		<b>In Class</b>	<b>1 day?</b>	<b>Tue 9/27/16</b>	<b>Tue 9/27/16</b>																				
56		<b>Continue Systems Design</b>	<b>1 day?</b>	<b>Tue 9/27/16</b>	<b>Tue 9/27/16</b>																				
57		Feasibility to support concept	45 mins?	Tue 9/27/16	Tue 9/27/16																				
58		Refine Concepts	45 mins?	Tue 9/27/16	Tue 9/27/16																				
59		Prep for SDR	45 mins?	Tue 9/27/16	Tue 9/27/16																				
60		Review team Execution Plan	45 mins?	Tue 9/27/16	Tue 9/27/16																				
61		<b>After 9/27 Class</b>	<b>3 days</b>	<b>Tue 9/27/16</b>	<b>Thu 9/29/16</b>																				
62		Prep for SDR	45 mins?	Tue 9/27/16	Tue 9/27/16																				
63		Distribute pre-reading material for SDR	45 mins?	Tue 9/27/16	Tue 9/27/16																				
64		<b>Class 9/29</b>	<b>5 days</b>	<b>Sun 9/25/16</b>	<b>Thu 9/29/16</b>																				
65		<b>In Class</b>	<b>1 day</b>	<b>Thu 9/29/16</b>	<b>Thu 9/29/16</b>																				
66		<b>Continue Systems Design</b>	<b>1 day?</b>	<b>Thu 9/29/16</b>	<b>Thu 9/29/16</b>																				
67		Feasibility to support concept	30 mins?	Thu 9/29/16	Thu 9/29/16																				
68		Refine Concepts	30 mins?	Thu 9/29/16	Thu 9/29/16																				

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69	★	Prep for SDR	30 mins?	Thu 9/29/16	Thu 9/29/16																			
70	★	<b>Team Objectives</b>	<b>7 days</b>	<b>Sun 9/25/16</b>	<b>Sat 10/1/16</b>																			
71	★	<b>Reiterate</b>	<b>7 days</b>	<b>Sun 9/25/16</b>	<b>Sat 10/1/16</b>																			
72	★	Customer Requirements	1 day	Sun 9/25/16	Sun 9/25/16																			
73	★	Engineering Requirements	1 day	Sun 9/25/16	Sun 9/25/16																			
74	★	House of Quality	1 day	Sun 9/25/16	Sun 9/25/16																			
75	★	Risk Assessment FMEA	1 day	Sun 9/25/16	Sun 9/25/16																			
76	★	Phase Plan	1 day	Sun 9/25/16	Sun 9/25/16																			
77	📅	End of Week 6	1 day	Sat 10/1/16	Sat 10/1/16																			
78	★?	<b>Senior Design Review 10/4</b>			<b>Tue 10/4/16</b>																			10/4
79	★?	<b>ID Requirements</b>			<b>Tue 10/4/16</b>																			10/4
80	★?	2D Drawings and CAD drawing Concepts			Tue 10/4/16																			10/4
81	★?	3 Physical and diverging concept solutions			Tue 10/4/16																			10/4
82	★?	Develop Testing criteria			Tue 10/4/16																			10/4
83	★?	Refined Concepts			Tue 10/4/16																			10/4
84	★?	Further Develop 1 physical design			Tue 10/4/16																			10/4
85	★?	Process book/blog draft with phase 2 material			Tue 10/4/16																			10/4
86	★?	<b>Engineering Requirements</b>			<b>Tue 10/4/16</b>																			10/4
87	★?	All Requirments Addressed			Tue 10/4/16																			10/4
88	★?	Problem Statement			Tue 10/4/16																			10/4

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89	★?	Functional Decomposition			Tue 10/4/16																							
90	★?	Engineering Requirements Mapping			Tue 10/4/16																							
91	★?	Benchmarking			Tue 10/4/16																							
92	★?	Morphological Chart and Concept Selection			Tue 10/4/16																							
93	★?	Selection Criteria			Tue 10/4/16																							
94	★?	Concept Development			Tue 10/4/16																							
95	★?	Systems Architecture Flow Down Charts			Tue 10/4/16																							
96	★?	Primary and Secondary Concepts Sketches/Drawin			Tue 10/4/16																							
97	★?	Feasibility Analysis/Simulati			Tue 10/4/16																							
98	★?	Risk Assessment /FMEA			Tue 10/4/16																							
99	★?	Plan for next phase			Tue 10/4/16																							
100	★?	Personal goals			Tue 10/4/16																							

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