

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Qtr 2, 2020			Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			Qtr 2, 2021			Qtr 3, 2021			Qtr 4, 2021					
							Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1		Hall D Installation	195 days	Tue 5/5/20	Mon 11/15/21																									
2		CPP Install	195 days	Tue 5/5/20	Mon 11/15/21																									
3		Component Design	137 days	Tue 5/5/20	Mon 11/16/20																									
4		support stand	45 days	Tue 5/5/20	Wed 7/8/20																									
5		Finalize requirements	15 days	Tue 5/5/20	Tue 5/26/20																									
6		Complete 3D model	5 days	Wed 5/27/20	Tue 6/2/20	5																								
7		Complete drawings	25 days	Wed 6/3/20	Wed 7/8/20	6																								
8		FCAL platform mods	14 days	Thu 7/9/20	Tue 7/28/20	4																								
9		Alignment system	14 days	Thu 7/9/20	Tue 7/28/20	7																								
10		Ground rail syst.	26 days	Wed 7/29/20	Wed 9/2/20	9																								
11		Static lead Absorber	20 days	Wed 8/19/20	Wed 9/16/20	12																								
12		Steel Absorbers	29 days	Thu 7/9/20	Tue 8/18/20	7																								
13		Dark room Mod	10 days	Thu 9/17/20	Wed 9/30/20	11																								
14		FCAL Platform attachment	10 days	Thu 10/1/20	Wed 10/14/20	13																								
15		adjustable lead absorber	10 days	Thu 10/15/20	Wed 10/28/20	14																								
16		FCAL Platform Stairs mod	13 days	Thu 10/29/20	Mon 11/16/20	15																								
17		Component Procurements	132 days	Wed 6/3/20	Wed 12/9/20																									
18		Support Stand	100 days	Thu 7/9/20	Mon 11/30/20	4																								
19		Alignment system	42 days	Wed 7/29/20	Fri 9/25/20	9																								
20		Ground rail syst.	40 days	Thu 9/3/20	Thu 10/29/20	10																								
21		Static lead Absorber	14 days	Thu 9/17/20	Tue 10/6/20	11																								
22		Steel Absorbers	56 days	Wed 8/19/20	Thu 11/5/20	12																								
23		Dark room Mod	7 days	Thu 10/1/20	Fri 10/9/20	13																								
24		FCAL Platform attachment	28 days	Thu 10/15/20	Mon 11/23/20	14																								
25		adjustable lead absorber	28 days	Thu 10/29/20	Wed 12/9/20	15																								
26		Off the shelf components	45 days	Wed 6/3/20	Wed 8/5/20	6																								
27		FCAL Platform stairs mod	14 days	Tue 11/17/20	Tue 12/8/20	16																								
28		Installation	136 days	Wed 7/29/20	Mon 11/15/21																									
29		Modify FCAL Platform	13 days	Wed 7/29/20	Fri 8/14/20	8																								
30		Modify Dark room	16 days	Thu 10/1/20	Thu 10/22/20	13																								
31		install floor rails	5 days	Fri 10/30/20	Thu 11/5/20	20																								
32		Install FCAL platform stairs mod	5 days	Wed 12/9/20	Tue 12/15/20	27																								
33		install support stand	9 days	Wed 12/16/20	Mon 10/4/21	18,32																								
34		Assemble 1st section of detector on floor	5 days	Tue 10/5/21	Mon 10/11/21	33																								
35		Install 1st section of detector	3 days	Tue 10/12/21	Thu 10/14/21	34																								
36		Assemble 2nd section of detector on floor	5 days	Fri 10/15/21	Thu 10/21/21	35																								
37		Install 2nd section of detector	3 days	Fri 10/22/21	Tue 10/26/21	36																								
38		Assemble 3rd section of detector on floor	6 days	Wed 10/27/21	Wed 11/3/21	37																								

Project: CPP&FCAL2_Installatio
Date: Thu 5/7/20

Task		Project Summary		Manual Task		Start-only		Deadline	
Split		Inactive Task		Duration-only		Finish-only		Progress	
Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
Summary		Inactive Summary		Manual Summary		External Milestone			

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39		Install 3rd section of detector	3 days	Thu 11/4/21	Mon 11/8/21	38																					
40		Final Survey	2 days	Tue 11/9/21	Wed 11/10/21	39																					
41		Test all systems	5 days	Tue 11/9/21	Mon 11/15/21	39																					
42		FCAL II Install	49 days	Tue 11/17/20	Tue 11/2/21																						

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	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			