

ID	Task Name	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Timeline																
						September 1	September 15	September 29	October 13	October 27	November 10	November 24	December 8	December 22	January 5	January 19	February 2	February 16	March 2	March 16	March 30	
1	1 Fundraising and Facility	Fri 9/6/13	Fri 11/29/13	Fri 9/6/13	Wed 1/15/14	.....															
2	1.1 Fundraising	Sat 9/7/13	Fri 11/29/13	Sat 9/7/13	Fri 11/29/13	.....															
3	1.2 Acquiring Facility	Fri 9/6/13	Wed 1/15/14	Fri 9/6/13	Wed 1/15/14	.....															
4	2 Concrete Mix Design	Fri 9/6/13	Wed 12/18/13	Fri 9/20/13	Sat 2/1/14	.....															
5	2.1 Research	Fri 9/6/13	Thu 9/26/13	Fri 9/20/13	Fri 9/27/13	.....															
6	2.2 Preliminary Mixes	Fri 9/27/13	Fri 10/11/13	Wed 9/25/13	Wed 10/23/13	.....															
7	2.3 Secondary Mixes	Fri 10/11/13	Fri 11/8/13	Wed 10/23/13	Wed 11/27/13	.....															
8	2.4 Final Mixes	Fri 11/8/13	Fri 11/29/13	Wed 11/27/13	Wed 12/18/13	.....															
9	2.5 Final Mix Selection	Sun 12/1/13	Sun 12/1/13	Thu 12/19/13	Thu 12/19/13	..... * 12/19																
10	2.6 Compression Tests	Fri 10/4/13	Sun 12/1/13	Tue 9/24/13	Wed 12/18/13	.....															
11	2.7 3-Point Test	Fri 10/4/13	Sun 12/1/13	Fri 10/4/13	Wed 12/18/13	.....															
12	2.8 Shrinkage Test	Fri 9/27/13	Fri 11/29/13	Tue 9/24/13	Sun 11/10/13	.....															
13	2.9 Construction Methods	Fri 12/20/13	Sat 2/1/14	Fri 12/20/13	Sat 2/1/14	.....															
14	3 Hull Design	Fri 9/13/13	Wed 10/23/13	Fri 9/13/13	Sun 11/17/13	.....															
15	3.1 Review Existing Hull Design	Fri 9/13/13	Sat 9/21/13	Fri 9/13/13	Sat 9/21/13	.....															
16	3.2 Waterline Analysis	Thu 10/17/13	Fri 11/15/13	Fri 10/25/13	Sun 11/17/13	.....															
17	4 Structural Analysis	Sat 10/12/13	Sat 11/30/13	Sat 12/7/13	Fri 1/24/14	.....															
18	4.1 Load Analysis	Sat 10/12/13	Sat 11/30/13	Sat 12/7/13	Fri 1/24/14	.....															
19	4.2 Finite Element Analysis	Mon 11/18/13	Tue 1/7/14	Sat 12/7/13	Fri 1/24/14	.....															
20	4.3 Buoyancy	Fri 1/3/14	Fri 1/17/14	Mon 1/6/14	Fri 1/24/14	.....															
21	5 Reinforcement Design	Sat 9/14/13	Fri 12/20/13	Sat 9/14/13	Fri 2/7/14	.....															
22	5.1 Research	Sat 9/14/13	Fri 9/27/13	Sat 9/14/13	Sun 10/13/13	.....															
23	5.2 Rib Design	Sat 11/16/13	Fri 12/20/13	Fri 12/20/13	Fri 2/7/14	.....															
24	5.3 Reinforcement Material/Layers	Fri 11/15/13	Fri 12/20/13	Fri 12/20/13	Sat 1/25/14	.....															
25	6 Canoe Construction	Fri 12/20/13	Sat 3/15/14	Fri 12/20/13	Sat 3/22/14	.....															
26	6.1 Facility Clean-Up	Sat 1/11/14	Sat 1/11/14	Sat 1/11/14	Sat 1/11/14	.....															
27	6.2 Concrete Preparation and Safety	Fri 12/20/13	Sat 1/18/14	Fri 12/20/13	Sat 2/8/14	.....															
28	6.3 Pouring	Sat 1/18/14	Sun 1/19/14	Sat 2/8/14	Sat 2/8/14	..... * 2/8																
29	6.4 Curing	Sun 1/19/14	Tue 2/25/14	Sat 2/8/14	Sat 3/8/14	.....															
30	6.5 Mold Removal, Patching and Sanding	Tue 2/25/14	Fri 2/28/14	Sun 3/9/14	Fri 3/14/14	.....															
31	6.6 Staining	Wed 3/5/14	Sun 3/23/14	Fri 3/14/14	Sat 3/22/14	.....															
32	7 Display Construction	Fri 12/20/13	Mon 3/10/14	Sat 2/15/14	Sun 3/23/14	.....															
33	7.1 Display Board	Sat 3/1/14	Sun 3/9/14	Sat 2/15/14	Sun 3/9/14	.....															
34	7.2 Stands	Sat 3/1/14	Mon 3/10/14	Sat 2/15/14	Sun 3/23/14	.....															
35	7.3 Cross Section Display	Fri 2/28/14	Fri 2/28/14	Sat 3/8/14	Sat 3/8/14	.....															
36	8 Design Report	Sat 9/7/13	Fri 3/28/14	Sat 9/7/13	Thu 2/27/14	.....															
37	8.1 Theme Development	Sat 9/7/13	Mon 9/16/13	Sat 9/7/13	Mon 9/16/13	.....															
38	8.2 Rough Draft	Sun 2/9/14	Sat 2/15/14	Wed 2/12/14	Tue 2/18/14	.....															
39	8.3 Peer Edits/Revisions	Sat 2/15/14	Wed 2/19/14	Tue 2/18/14	Sun 2/23/14	.....															
40	8.4 Final Report	Wed 2/19/14	Mon 2/24/14	Sun 2/23/14	Wed 2/26/14	..... * 2/26																
41	8.5 Mail	Thu 2/27/14	Thu 2/27/14	Thu 2/27/14	Thu 2/27/14	.....															
42	9 Paddling	Wed 2/19/14	Sun 3/30/14	Thu 1/30/14	Sat 3/29/14	.....															
43	9.1 Recruitment	Thu 1/30/14	Thu 1/30/14	Thu 1/30/14	Thu 1/30/14	.....															
44	9.2 Practice/Strength and Conditioning	Sat 2/22/14	Sat 3/29/14	Sat 2/22/14	Sat 3/29/14	.....															
45	10 Oral Presentation	Sat 3/1/14	Mon 3/17/14	Sat 3/1/14	Thu 4/3/14	.....															
46	10.1 Discuss Important Points	Sat 3/1/14	Sun 3/2/14	Sat 3/1/14	Sun 3/2/14	.....															
47	10.2 Create Slideshow	Sun 3/2/14	Sun 3/9/14	Sun 3/2/14	Sat 3/8/14	.....															
48	10.3 Practice/Critique	Mon 3/10/14	Mon 3/31/14	Mon 3/10/14	Wed 4/2/14	.....															
49	10.4 Presentation Day	Thu 4/3/14	Thu 4/3/14	Thu 4/3/14	Thu 4/3/14	.....															
50	11 Conference	Wed 2/12/14	Sat 4/5/14	Fri 9/6/13	Fri 4/4/14	..... * 4/4																
51	11.1 Rules and Regulations	Fri 9/6/13	Sun 9/22/13	Fri 9/6/13	Sun 9/22/13	.....															
52	11.2 Engineering Notebook	Wed 2/12/14	Thu 2/27/14	Wed 2/12/14	Thu 2/27/14	.....															
53	11.3 Display Day	Thu 4/3/14	Thu 4/3/14	Thu 4/3/14	Thu 4/3/14	.....															
54	11.4 Races	Fri 4/4/14	Fri 4/4/14	Fri 4/4/14	Fri 4/4/14	.....															

Project: *Spirit*
School: Northern Arizona University

Baseline Actual Baseline Milestone ★ Critical Task Actual Milestone ★ Summary