

Milestone 1

Milestone 2

Milestone 3

Milestone 4

Proposed Thesis Semester Schedule																
January 2014 - May 2014																
13-Jan-14	20-Jan-14	27-Jan-14	3-Feb-14	10-Feb-14	17-Feb-14	24-Feb-14	3-Mar-14	10-Mar-14	17-Mar-14	24-Mar-14	31-Mar-14	7-Apr-14	14-Apr-14	21-Apr-14	28-Apr-14	5-May-14
Design Floor System and Columns								Spring Break				Final Report: April 9	Faculty Jury Presentation: April 14-18	ABET Assessment	Senior Banquet May 2	Finals Week
	Use RAM Concept to Check Gravity System															
		Use SP Column to Check Columns														
			Verify RAM Concept Output													
			Investigate Post-Tensioned System													
			Perform Design and Analysis of Drainage System													
					Perform Detailed Estimate of Reinforced Concrete System											
						Perform Schedule Analysis										
						Compare cost and schedule of concrete system with original system										
						Check Lateral System										
							Write and Finalize Final Report									
										Organize File Presentation						
														Update CPEP and Report		

Structural Depth: Reinforced Concrete Redesign	
Breadth 1: Cost and Schedule Comparison	
Breadth 2: Design and Analysis of Drainage System	
Report and Presentation	
Course/Semester Wrap Up	

Milestones	
1	First Gravity System Redesign Complete
2	Mechanical Breadth Complete
3	Structural Depth Complete, Detail Estimate Complete
4	Breadths and MAE Coursework Completed, Final Report Started