

ME 471

LAB SCHEDULE

FALL 2011

NX Lab: Wednesday 10:00AM – 11:50AM MDT¹

CATIA Lab: Friday 10:00AM – 11:50AM MDT¹

All labs are due at 10:00AM MDT¹

Week of	Topics/Events		Due Dates
29 Aug	W, F –	Lab 1: Teambuilding I	NX: 7 Sep CATIA: 9 Sep
5 Sep	W, F –	Lab 2: PLM; Teambuilding II	NX: 14 Sep CATIA: 16 Sep
12 Sep	W, F –	Lab 3: Team Organization & Teambuilding III	NX: 21 Sep CATIA: 23 Sep
19 Sep	W, F –	Lab 4: Assembly Parametrics	NX: 28 Sep CATIA: 30 Sep
26 Sep	W, F –	Lab 5: Topology Optimization	NX: 5 Oct CATIA: 7 Oct
3 Oct	W, F –	Lab 6: Data Transfer; Reparameterization; Wireframe	NX: 12 Oct CATIA: 14 Oct
10 Oct	W, F –	Lab 7: Parametric Surface Modeling	NX: 19 Oct CATIA: 21 Oct
17 Oct	W, F –	Lab 8: Vehicle Surface Modeling	NX: 2 Nov CATIA: 4 Nov
24 Oct	W, F –	Practical Exams	In class
31 Oct	W, F –	Lab 9: Part Finite Modeling	NX: 9 Nov CATIA: 11 Nov
7 Nov¹	W, F –	Lab 10: Assembly Finite Element Modeling	NX: 16 Nov CATIA: 18 Nov
14 Nov	W, F –	Lab 11: Visualization; Lab 12: Mass Properties Lab 13: Motion	NX: 30 Nov CATIA: 2 Dec
21 Nov	W, F –	No class Thanksgiving Holiday (USA)	

¹ BYU enters Mountain Standard Time (Change from UTC -6hrs to UTC -7hrs)

Week of	Topics/Events		Due Dates
28 Nov	W, F –	Lab 14: Computational Fluid Dynamics	Thursday, 8 Dec
5 Dec	W, F –	No lab	
12 Dec	F -	14:30 – 17:30 MT	Final Presentation
