

Table 2. ME 478 Course Schedule

	Day	Room	Book Readings	Lecture/Lab Topic	Assign	Due
Week 1	30-Mar M	Den 305	Ch 2.1-5	Course Overview & Direct Formulation		
	31-Mar T	Den 305	Ch 2.1-5	Direct Formulation	Hw1	
	1-Apr W	Den 305	--	TUTORIAL: Matlab		
	3-Apr F	MGH 030	--	LAB 1: Truss Problem	Project 1	
Week 2	6-Apr M	Den 305	Ch 3.1-6	Trusses		
	7-Apr T	Den 305	Ch 3.1-6	Trusses	Hw2	
	8-Apr W	Den 305	Ch 2.6, Ch 3.10	Minimum Potential Energy		Hw 1
	10-Apr F	MGH 030	--	LAB 2: Beam/Frame Problem		
Week 3	13-Apr M	Den 305	Ch 3.10	Bars & Columns		
	14-Apr T	Den 305	Ch 4.1, 4.7	Beams	Hw3	
	15-Apr W	Den 305	Ch 5.1-2	Frames		Hw2
	17-Apr F	MGH 030	--	LAB 3: Plane Stress Problem		Project 1
Week 4	20-Apr M	Den 305	Ch 6.1-3	Plane Stress		
	21-Apr T	Den 305	Ch 6.1-3	Plane Stress	Hw4	
	22-Apr W	Den 305	Ch 6.1-3	Plane Stress		Hw3
	24-Apr F	MGH 030	--	LAB 4: Axisymmetric Problem	Project 2	
Week 5	27-Apr M	Den 305	Ch 6.1-3	Plane Stress		
	28-Apr T	Den 305	Ch 9.1-3	Axisymmetric Problems	Hw5	
	29-Apr W	Den 305	Ch 9.1-3	Axisymmetric Problems		Hw4
	1-May F	TBD	--	Midterm Exam		
Week 6	4-May M	Den 305	Ch 10.1-3	Isoparametric Formulation		
	5-May T	Den 305	Ch 10.1-3	Isoparametric Formulation	Hw6	
	6-May W	Den 305		Guest Lecture		Hw5
	8-May F	MGH 030	--	LAB 5: 3D Stress Problem		Project 2
Week 7	11-May M	Den 305	Ch 11.1-2	3D Stress Analysis		
	12-May T	Den 305	Ch 11.1-2	3D Stress Analysis	Hw7	
	13-May W	Den 305	Ch 11.1-2	3D Stress Analysis		Hw6
	15-May F	MGH 030	--	LAB 6: Thermal Problem	Project 3	
Week 8	18-May M	Den 305	Ch 13.1-5	Heat Transfer		
	19-May T	Den 305	Ch 13.1-5	Heat Transfer	Hw8	
	20-May W	Den 305	Ch 13.1-5	Heat Transfer		Hw7
	22-May F	MGH 030	--	LAB 7: Vibration Problem		
Week 9	25-May M	--		<i>No Class (Memorial Day)</i>		
	26-May T	Den 305	Ch 16.1-2, 4, 6	Vibrational Analysis	Hw9	
	27-May W	Den 305	Ch 16.1-2, 4, 6	Vibrational Analysis		Hw8
	29-May F	MGH 030	--	LAB 8: ABAQUS Tutorial		Project 3
Week 10	1-Jun M	Den 305	Ch 16.1-2, 4, 6	Vibrational Analysis		
	2-Jun T	Den 305		Guest Lecture		
	3-Jun W	Den 305		Review		Hw9
	5-Jun F	MGH 030		LAB 9: ABAQUS Tutorial		
Final	8-Jun M	Den 305		Final Exam (8:30-10:30am)		