

Tentative CVEG 3304 Course Schedule – Fall, 2015
(Subject to change by instructor)

Day	Date	Lecture	Topic / Discussion	Reading Assignment	HW Set
M	8/24	1	Course Introduction & Overview	--	
W	8/26	2	What is a Structure?	1.1-1.2, 2.1	
F	8/28	3	What are Loads?	1.3, 2.2	1
PART I: Forces in Statically Determinate Structures					
M	8/31	4	Forces in Statically Determinate Beams	Ch. 2	2
W	9/2	5	Forces in Statically Determinate Beams (Cont.)		
F	9/4	6	Forces in Statically Determinate Beams (Cont.)		
W	9/9	7	Forces in Statically Determinate Trusses	Ch. 3	3
F	9/11	8	Forces in Statically Determinate Trusses (Cont.)		
M	9/14	9	Forces in Statically Determinate Trusses (Cont.)		
W	9/16	10	Forces in Statically Determinate Frames	Handout	4
F	9/18	11	Forces in Statically Determinate Frames (Cont.)		
M	9/21	12	Forces in Statically Determinate Frames (Cont.)		
W	9/23	13	Forces in Statically Determinate Parabolic Arches and Cables	Ch. 5	5
F	9/25	14	Forces in Statically Determinate Parabolic Arches and Cables (Cont.)		
PART II: Displacements in Statically Determinate Structures					
M	9/28	15	Displacements in Statically Determinate Trusses	Handout, 9.2-9.4	
W	9/30	16	Displacements in Statically Determinate Trusses (Cont.)		
F	10/2	17	Displacements in Statically Determinate Beams	Ch. 8	6
M	10/5	18	Displacements in Statically Determinate Beams (Cont.)		
W	10/7	19	Displacements in Statically Determinate Plane Frames	Handouts	7
F	10/9	20	Displacements in Statically Determinate Plane Frames (Cont.)		
M	10/12	21	Displacements in Statically Determinate Space Frames		
W	10/14	22	Displacements in Statically Determinate Space Frames (Cont.)		
F	10/16	23	Exam 1 (Held during lab, 2-hour time limit)		
<i>~ Fall Break ~</i>					
PART III: The Flexibility or Force Method of Analysis					
W	10/21	24	Flexibility Analysis of Indeterminate Plane Trusses	Ch. 10 + Handout	8
F	10/23	25	Flexibility Analysis of Indeterminate Plane Trusses (Cont.)		
M	10/26	26	Flexibility Analysis of Indeterminate Plane Trusses (Cont.)		
W	10/28	27	Flexibility Analysis of Indeterminate Beams		
F	10/30	28	Flexibility Analysis of Indeterminate Beams (Cont.)		
M	11/2	27	Flexibility Analysis of Indeterminate Beams (Cont.)		
W	11/4	28	Flexibility Analysis of Indeterminate Plane Frames		
PART IV: The Stiffness or Displacement Method of Analysis					
F	11/6	29	Stiffness Analysis of Indeterminate Beams	Ch. 11 + Handout	10
M	11/9	30	Stiffness Analysis of Indeterminate Beams (Cont.)		
W	11/11	31	Stiffness Analysis of Indeterminate Beams (Cont.)		
F	11/12	32	Stiffness Analysis of Indeterminate Rectangular Plane Frames		
M	11/16	33	Stiffness Analysis of Indeterminate Rectangular Plane Frames (Cont.)		

W	11/18	34	Stiffness Analysis of Indeterminate Rectangular Plane Frames (Cont.)	Ch. 11	11 in
F	11/20	35	Exam 2 (Held during lab, 2-hour time limit)		
M	11/23	36	Stiffness Analysis of Non-Rectangular Plane Frames (Cont.)	Handout	
W	11/25	37	Stiffness Analysis of Non-Rectangular Plane Frames (Cont.)		
<i>~ Thanksgiving Break ~</i>					
PART V: The Moment Distribution Method of Analysis					
M	11/30	38	Moment Distribution for Indeterminate Beams and Plane Frames	Ch. 12	12
W	12/2	39	Moment Distribution for Indeterminate Beams and Plane Frames (Cont.)		
F	12/4	40	Moment Distribution for Indeterminate Beams and Plane Frames (Cont.)		
M	12/7	41	Moment Distribution for Indeterminate Beams and Plane Frames (Cont.)		
W	12/9	42	Final Exam Review Day		12 in
FINAL EXAM (Comprehensive)					