

AME 60635 - Intermediate Fluid Mechanics

Fall 2007 Syllabus

No.	Date	Topic	Text Chapter
1	8/28	Introduction	1
2	8/30	"	1
3	9/4	Cartesian Tensors	2
4	9/6	"	2
5	9/11	Conservation Concepts	4
6	9/13	Kinematics	3
7	9/18	"	3
8	9/20	Conservation Laws	4
9	9/25	"	4
10	9/27	"	4
11	10/2	Laminar Flow	9
12	10/4	"	9
13	10/9	"	9
14	10/11	"	9
15	10/16	Mid-Term	-

		Exam	
16	10/18	Boundary Layers	10
17	10/30	"	10
18	11/1	Waves	7
19	11/6	"	7
20	11/8	"	7
21	11/13	Vortex Dynamics	5
22	11/15	Irrotational Flow	6
23	11/20	"	6
24	11/27	Aerodynamics	15
25	11/29	Compressible Flow	16
26	12/4	"	16
27	12/6	"	16
28	12/11	"	16
-	12/14-19	Final Exam	-