

Aerospace Engineering 6210: Advanced Dynamics I  
 Georgia Institute of Technology  
 Prof. Dewey H. Hodges

Date	Events and general subject matter	Articles that pertain to lecture	Problem sets*
7 Jan.	Kinematics	1.1 – 1.3	
9		1.3 – 1.6	
11		1.7 – 1.9	
14		1.10 – 1.13	
16		2.1	
18		2.2 – 2.5	Prob. Set 1
21	No class	–	
23	Discuss PS 1	–	
25		2.6 – 2.8	Prob. Set 2
28	Discuss PS 2	–	
30		3.1 – 3.3	
1 Feb.		3.4, 3.5	Prob. Set 3
4	Discuss PS 3	–	
6		3.6, 3.9	
8	Review/catch up	–	Prob. Set 4
11	Discuss PS 4	–	
13	Exam 1	Through PS 4	
15	Go over exam	–	
18	Inertia Properties	4.1, 4.2	
20		4.3	
22		4.4	
25		4.5	
27		4.6	Prob. Set 5
1 Mar.	Discuss PS 5	–	
4		4.7	
6		4.8	
8		4.9	Prob. Set 6
11	Discuss PS 6	–	
13	Review/catch up	–	
15	Exam 2	Chapter 4	
18	Spring break	–	
20	Spring break	–	
22	Spring break	–	
25	Go over exam	–	
27	Forces	5.1, 5.2	
29		5.3, 5.4	
1 Apr.		5.5	

3		5.6	Prob. Set 7
5	Discuss PS 7	–	
8		5.7	
10		5.8. 5.9	
12		6.6	
15		6.7	Prob. Set 8
17	Discuss PS 8	–	
19		8.1	
22	Review/catch up	–	
Friday, 26 Apr. 11:20 am-2:10 pm	Final Exam	Comprehensive	

PS 4: 1 – 3, 6, 7, 11 – 14, 21

PS 8: 1 – 5, 7 – 14

You are not required to solve any problems that are marked with an asterisk (\*).

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Updated 12/25/2018