

# P531 Graduate Mechanics Syllabus

Fall 2012

(can be modified)

Instructor Yu.Kamyshkov

11-Aug-12

				Home work due
1	Tr	August 23, 2012	Chapter 1 LL § 1,2,3	
2	Tu	August 28, 2012	LL § 4,5	
3	Tr	August 30, 2012	Chapter 2 LL § 6,7,8	
4	Tu	September 4, 2012	LL § 9,10	HW #1
5	Tr	September 6, 2012	Chapter 3 LL § 11,12,13	
6	Tu	September 11, 2012	LL § 14,15	
7	Tr	September 13, 2012	Chapter 4 LL § 16,17	
8	Tu	September 18, 2012	LL § 18,19,20	HW #2
9	Tr	September 20, 2010	Chapter 5 LL § 21,22	
10	Tu	September 25, 2012	LL § 23,24	
11	Tr	September 27, 2012	LL § 25,26,27,30 (– § 28,29)	
12	Tu	October 2, 2012	<b>TEST #1 in class Ch. 1-4</b>	HW #3
13	Tr	October 4, 2012	Chapter 6 LL § 31,32,33	
14	Tu	October 9, 2012	Discussion of test problems	
–	Tr	October 11, 2012	Fall break	
15	Tu	October 16, 2012	LL § 34,35,36	HW #4
16	Tr	October 18, 2012	LL § 38,39 (– § 37)	
17	Tu	October 23, 2012	Chapter 7 LL § 40,41,42	
18	Tr	October 25, 2012	LL § 43,44,45	
19	Tu	October 30, 2012	LL § 46,47,48	HW #5
20	Tr	November 1, 2012	Preparation for test	
21	Tu	November 6, 2012	<b>TEST #2 in class Ch 5-6</b>	
22	Tr	November 8, 2012	LL § 49,50,52 (– § 51)	
23	Tu	November 13, 2012	Discussion of test problems	
24	Tr	November 15, 2012	Non-linear dynamics and chaos	HW #6
25	Tu	November 20, 2012	Non-linear dynamics and chaos	
–	Tr	November 22, 2012	Thanksgiving	
26	Tu	November 27, 2012	Non-linear dynamics and chaos	
27	Tr	November 29, 2012	Special relativity	
28	Tu	December 4, 2012	Special relativity	HW #7
	Tr	December 13, 2012	<b>Final test in class 12:30-2:30 pm</b>	
			<b>Ch 7, non- lin dynamics, relativity</b>	

this webpage is [http://web.utk.edu/~kamyshko/P531/P531\\_syllabus.pdf](http://web.utk.edu/~kamyshko/P531/P531_syllabus.pdf)

(+) Any student who feels s/he may need an accommodation based on the impact of a disability should contact instructor privately to discuss your specific needs. Please, also contact the Office of Disability Services at 865-974-6087 in Hoskins Library to coordinate reasonable accommodations for students with documented disabilities.