

**DEPARTMENT OF MECHANICAL ENGINEERING
UNIVERSITY OF WISCONSIN - MADISON**

**Schedule for ME 240 - Dynamics
(Spring Semester 2006 - 2007)**

TEXTBOOK: *Vector Mechanics for Engineers - Dynamics*, 8th edition, by Beer, Johnston, and Clausen
 INSTRUCTOR: **Prof. N. Ferrier**, 3128 Engineering Centers Bldg, ferrier@engr.wisc.edu
Section 2 MWF 1:20 ME 1163
 Section 1: Prof. J. Uicker, 3140 Engineering Centers Bldg, uicker@engr.wisc.edu

Date	Exams/Quizzes*	Study Assignment	Suggested Problems
Jan. 22		Introduction	
24		11.1 - 11.6	11.1, 11.3, 11.5, 11.11, 11.22, 11.24, 11.33
26		11.4 - 11.12	11.35, 11.43, 11.45, 11.49, 11.53, 11.99, 11.103
Jan. 29		11.9 - 11.12	11.105, 11.113, 11.122, 11.125, 11.134
31		11.13	11.137, 11.139, 11.142, 11.145, 11.192
Feb. 2	Quiz 1	11.14	11.161, 11.162, 11.164, 11.169, 11.179
Feb. 5		12.1 - 12.5	12.6, 12.11, 12.15, 12.32, 12.37
7		12.1 - 12.5	12.46, 12.51, 12.55, 12.125, 12.126
9		12.7 - 12.9	12.67, 12.69, 12.72
Feb. 12		12.7 - 12.9	12.91, 12.93, 12.94, 12.128
14		13.1 - 13.5	13.8, 13.9, 13.22, 13.30, 13.39, 13.41
16	Quiz 2	13.1 - 13.5	13.43, 13.44, 13.46, 13.52, 13.53
Feb. 19		13.6 - 13.8	13.55, 13.56, 13.58, 13.60, 13.62
21		13.6 - 13.8	13.66, 13.73, 13.74, 13.77, 13.94
23		13.10 - 13.11	13.121, 13.131, 13.133, 13.135, 13.152
Feb. 26		13.12 - 13.15	13.156, 13.158, 13.166, 13.172, 13.174
28		13.12 - 13.15	13.180, 13.185, 13.188, 13.201
Mar. 2	Quiz 3	14.1 - 14.6	14.4, 14.7, 14.16, 14.17, 14.22, 14.24, 14.25
Mar. 5		Review	Review Problems
7	Midterm	Evening Exam** (7:15 - 9:15 pm)	
9		15.1 - 15.6	15.6, 15.18, 15.19, 15.22, 15.23, 15.25
Mar. 12		15.1 - 15.6	15.29, 15.30, 15.33, 15.39, 15.41, 15.43
14		15.1 - 15.6	15.48, 15.52, 15.53, 15.58, 15.59, 15.64
16	Quiz 4	15.7 - 15.9	15.78, 15.80, 15.82, 15.87, 15.91, 15.95
Mar. 19		15.7 - 15.9	15.106, 15.111, 15.116, 15.119, 15.121
21		Handouts - Rotating Axes	15.152, 15.155, 15.161, 15.163
23		Handouts	15.171, 15.172, 15.175, 15.176
Mar. 26	Quiz 5 (takehome)	Handouts	Handout Problems
28		Handouts	Handout Problems
30	Quiz 5 (due)	B.1 - B.5	B.1, B.3, B.16, B.18, B.20
Spring Recess -- March 31 - April 8			
Apr. 9		16.1 - 16.4	16.2, 16.5, 16.8, 16.10, 16.16
11		16.5 - 16.7	16.19, 16.26, 16.31, 16.32, 16.36
13		16.5 - 16.7	16.38, 16.42, 16.50, 16.55, 16.69
Apr. 16		16.8	16.73, 16.77, 16.84, 16.90, 16.95
18	Quiz 6	16.8	16.106, 16.110, 16.117, 16.132
Engineering Expo -- April 19 - 21			

Apr.	23		17.1 - 17.4	17.3, 17.7, 17.9, 17.13, 17.16, 17.19
	25		17.5 - 17.7	17.21, 17.25, 17.27, 17.29, 17.30, 17.33
	27		17.5 - 17.7	17.37, 17.39, 17.45, 17.48, 17.50
Apr	30		17.8 - 17.10	17.53, 17.55, 17.63, 17.70, 17.71
May	2		17.8 - 17.10	17.73, 17.75, 17.76, 17.78
	4	Quiz 7	17.11 - 17.12	17.97, 17.99, 17.100, 17.103
May	7		17.11 - 17.12	17.116, 17.125, 17.127, 17.144
	9		Review	Review Problems
	11		Review	Review Problems

* **No make-up exams or quizzes.**

** **Evening midterm exam, 7:15 - 9:15 pm, Wednesday, March 7, 2007, Room 1800 Engineering Hall.**

**FINAL EXAMINATION: 10:05am – 12:05pm, Sunday, May 13, 2007
Room 1800 Engineering Hall**

			Worst Case Grading Scale
Midterm Exam	25 %		A 93 - 100
Final Exam	30 %		AB 90 - 92
Quizzes	40 %		B 85 - 89
Instructor	5 %		BC 82 - 84
	100 %		C 77 - 81
			D 70 - 76
			F < 70

Please note the following College of Engineering regulation regarding exam scheduling:

Student Responsibility for Scheduling:

Each student is responsible for arranging a course list that will permit satisfactory progress toward degree requirements and a class schedule that: (a) avoids class and final exam scheduling conflicts, and (b) avoids an excessively demanding final exam schedule, and (c) verifies registration in chosen classes.