

ME 243 (Mechanics of Solids)

Some Suggestion for practice

Book: Strength of Materials, (4th Edition).

----- By Andrew Pytel and Ferdinand L. Singer

Chapter	Problem (Exercise)	Problem (Example)	No of Problem
1	104, 105, 107-109, 115-117, 119, 125, 126, 140, 141.		13
2	209-215, 234-237, 243, 245-248, 251-253, 266, 268, 279, 271-275.	201*.	22
3	305-311, 316, 318-324, 343-349.	302, 303*.	24
4	404-416, 417*, 418*, 419*, 426-329, 444*.	424**.	21
5	503-505, 508, 510, 513*, 517**, 522, 525, 526, 549*, 551-557, 570-573, 575, 576, 583-588.	565**.	31
6	610-615, 625-632, 638-647, 653-657, 677-681.	602*, 603**, 604*, 622*, 623*, 635***, 651**, 652*.	42
9	902, 904*, 907**, 926-933, 967, 971.	901*, 923**, 924*, 941**.	13
10	1002-1008, 1024-1029, 1036, 1037, 1039.	1001, 1022, 1035**.	16
11	1102, 1103, Lecture**.		2
13	Lecture**, 1340-1043, 1346, 1348, 1349.	1339.	6

- This is not the syllabus, Just a suggestion.
- (*) mark indicate importance.
- For chapter 11, follow the lecture + “Mechanical Engineering Design” [Chapter 3]
---- by Joseph Edward Shigley
- Go through the class lecture first then try the book. (Recommended)
- Class lecture alone is not sufficient for final exam.