

Suggested Problems

**Textbook: Mechanics of Materials, 9th Edition in SI Units (R. C. Hibbeler),
Prentice Hall, Pearson, 2011.**

Section	Suggested Problems
Chapter 1	Stress
1.1-1.2	All from 1-1 to 1-30 are revision to statics
1.3-1.5	31, 33, 34, 36, 39, 41, 42, 43, 44, 45, 46, 51, 52, 56, 59, 60, 65,
1.6	69, 76, 77, 78, 82, 83, 84, 85, 88, 90, 91,
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Chapter 3	Mechanical Properties of Materials
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3.6-3.8	25, 26, 27, 29, 30, 31, 33,
Chapter 10	Strain Transformation
10.1-10.6	34, 35, 36, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95