

# Elmhurst College

## PHYSICS 311 - Analytical Mechanics

Fall Term, 2008

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"Recommended" problems from *Analytical Mechanics* (7<sup>th</sup> ed.)  
by Grant R. Fowles and George L. Cassidy.

Chapter	Problems
1	1-3, 5-15, 17-21, 23-27, 29-30
2	1-9, 11, 12, 15-20; C1*
3	1-6, 9-15, 17-25; C1*-C4*
4	1-5, 6*, 8*, 9-17, 19, 20, C1*
5	1-4, 6, 8-16, 20-22; C1*
6	1-3, 5-7, 9-13, 16, 20, 23, 25, 26*, 29; C1*
7	1-3, 5, 6, 8, 10, 11, 12* 14, 16, 22; C1*, C3*
8	1-6, 9-16, 19; C1*
9	1-4, 8-10, 14, 17, 20-22, 25*; C1*, C2*
10	1-4, 5*, 6*, 8, 9, 14-16, 21*, 25*-27, 30; C1*, C2*
11	1-4, 6, 7, 10, 11, 13*, 14-16, 18, 20*, 22*; C1*

C = Computer/Calculator Problem

\* = double credit