

**465.211 Mechanics in Energy Resources Engineering, Spring 2010**

**Homework #7 (from problems in Chapter 7)**

**Total score:  $20 \times 2 = 40$**

1. Solve the following problem sets in the textbook.

7.2-1 7.2-4 7.2-11 7.2-13 7.2-17 7.2-19

7.3-1 7.3-4 7.3-9 7.3-11 7.3-14 7.3-17

7.4-1 7.4-5 7.4-7 7.4-9 7.4-10 7.4-17

7.5-1 7.5-3 7.5-6 7.5-8

7.6-1 7.6-5 7.6-8 7.6-10

7.7-1 7.7-5 7.7-13 7.7-15

\* Be careful about the units that you will use.

\* You must use the cover sheet declaring the statement of originality (penalty on not using it).

\* Due by 9:30am 19 May 2010. Late submission by 9:30am 21 May 2010 with 20% penalty.  
This submission can be in Korean or English.

\* Assignments must be hand-written and should be submitted in person at the classroom. Do not use eTL for the submission.