You are to lecture two fifty minute periods on a topic of your choice related to separations of biological materials. You may select a general topic or go into depth on a specific technology not covered by the course instructor. Responsibilities include:

a) assigning reading material to the class as appropriate.
b) preparation of a (fairly short) homework problem (provided to course instructor with solution).
c) the grades which other students earned on your homework assignment (score out of 10).
c) preparation of an appropriate problem for the final exam (provided to course instructor with solution).

You must discuss your topic with the course instructor (as soon as possible) to insure no duplication between graduate students and to insure the instructor will not be covering that specific topic.

Evaluation will be based on:

1) Oral presentation (2 × 50 minutes) [60%]
2) a brief (8-10 pages) written report [30%]
3) the quality and appropriateness of homework problem [5%]
4) the quality and appropriateness of final exam problem [5%]

For the oral presentation and written report, the target audience is your peers (recently graduated engineers who have completed this course).

Due Dates:

Oral presentation:
Student #1 8:00 – 8:50 Monday, November 30, 2009
8:00 – 8:50 Tuesday, December 1, 2009
Student #2 8:00 – 8:50 Wednesday, December 2, 2009
8:00 – 8:50 Friday, December 4, 2009
Student #3 8:00 – 8:50 Monday, December 7, 2009
8:00 – 8:50 Tuesday, December 8, 2009

Written report: 5:00 pm, Tuesday, December 8, 2009

Homework, grades and exam problem: 9:00 am, Wednesday, December 9, 2009