NOTES FOR THE SECOND HOUR EXAM

The second hour exam will be held in the classroom (Cudahy 202) on Tuesday, 25 Nov. 2014. The exam will be handed out at 11 : 30 and you will have 60 minutes to complete the exam once we have gone over it.

The exam will cover all material done in class and assigned in the book from Chapters 4 - 8 and will include whatever sections of Chapter 9 we complete by the end of class Thursday, 20 November.

As with all exams this semester, please store out of sight all electronic devices including calculators; you will not need calculators for this exam (or any of my exams). A sheet of formulae/results will be provided with the test. This is a closed book, closed note exam.

On the exam, you should be prepared to :

• Derive equations

• Synthesize material from different chapters to solve a problem. Question 7 of HW 9 is an example of this; that problem required you to combine energy conservation, Newton' s Laws of Motion and concepts of circular motion.

• Solve problems symbolically.

• Derive the equations that will solve a numerical problem and substitute appropriate numbers. You will not be asked to solve any numerical problems.

• Explain in writing answers to conceptual questions, such as those found in the conceptual questions section of each chapter.

All answers must be accompanied by complete and clear work. Answers, even if they are correct, lacking complete work will not receive full credit.