To save time during the exam, here are the instructions that will appear on page 1. You will save yourself time if you read these instructions before coming to the exam. Additional helpful info follows below that.

INSTRUCTIONS:

1. **Do not begin until so instructed.**
2. **Read each problem carefully before answering.**
3. **Write darkly and neatly.**
4. **Do all calculations in decimal form, not fraction form.**
5. **Circle your final answer to each problem.**
6. **Work each problem as stated using the methods as presented in class. No credit will be given for solutions obtained by other means.**
7. **Show all work for full credit. Skipping steps may result in point loss. Also, no credit will be given for merely providing answers or merely copying formulas from the crib.**
8. **Show all formulas used.**
9. **Use correct mathematical notation.**
10. **No credit will be given for solutions obtained via programmed calculators.**
11. **Present all solutions on the exam sheets provided.**
12. **Check here indicating that you have read the instructions: _____**

NOTE: The exam will comprise 5 pages (one of which is the cover page). However, that merely gives you ample room (sometimes more than you need) to work the problems. Due to my spacing things out, some problems have more page space than is actually needed.

Students often ask me questions like: 1) **"What kinds of questions are on the exam?"**, 2) **"How many problems are on the exam?"**, 3) **"Do most students finish it on time?"**, and 4) **"How hard is the exam?"**

Question 1: The exam comprises two parts. The first part includes multiple choice, true/false, and some short-answer questions to test your understanding of the topics and concepts. In the remaining problems you actually apply the methods and do calculations. (Bring spare batteries for your calculator! I do not bring a calculator.)

Question 2: The number of problems actually is not very relevant. (Would you prefer two very long and very difficult problems or a bunch of shorter and easier ones?) I write the exam based on my experience having taught this course, more than 100 times by now.

Questions 3 & 4: Let's just state the obvious ─ students who **successfully completed all the homework** (including Maple assignments) and **studied from the lectures and text** and were **mentally engaged in class lectures** are much better equipped to do well on the exams and complete them in the allotted time. Students who are **not well prepared** or have **not studied concepts** or did **not do all the homework** typically do not perform well and may not complete the exam in the allotted time. So both answers depend more on the *student* than on the exam.

For tips on how to study effectively, go to the course web site and click, "Developing Good Study Habits."