

Tips for Studying for the Math 126 Final Exam

The exam is Thursday, December 16, 1:45-3:45 p.m. It will have 15 multiple choice questions and 4 partial credit problems. Make sure you know the room for your exam.

Times and locations of any review sessions will be announced later.

The exam will cover the entire course. More weight will be given to material we have covered since the last exam than to the material covered on either of the other exams. The specific sections covered are 7.1, 7.2*-7.4*, 7.5-7.7, 8.1-8.5, 8.7, 8.8, 9.1, 9.2, moments and centers of mass from 9.3, 10.1, 10.3, 10.4, 11.1-11.4, 12.1-12.11, and 12.12 except for the applications to physics. Sections 12.8-12.11, 12.12, and 11.1-11.4 have been covered since the last exam. Calculators will **NOT** be allowed.

The “Concept Check” and “True-False Quiz” in the review at the end of each chapter of Stewart do an excellent job of giving you a review of what the basic concepts are. The questions which go with the material covered on the first two exams are listed on the tip sheets for those exams. Questions 8-12 in the “Concept Check” and 4-6,10,13 in the “True-False Quiz” on page 822 go with sections 12.8-12.10,12.12. Questions 1-5 in the “Concept Check” on page 732 and 1-7 in the “True-False Quiz” go with sections 11.1-11.4.

A good strategy for practicing computation is to go back through the homework problems and work problems similar to those assigned. At the end of each chapter in Stewart there are “Exercises.” Begin by studying the material, to make sure you have everything at your finger tips. Then work an assortment of the odd-numbered problems. You might at least try to look at the ones mentioned in the tip sheets for Exams I and II and at page 823 #41,43,45,47,49,53,55,57,59 and at page 733 #1,3,7,9,11,15,19,21,23,25,29,33,35,39. Don't wait until the last minute to study. Take advantage of a chance to ask questions during class if there's time, during the tutorial on Tuesday, and during office hours.

We have covered lots of topics. On an exam designed to take two hours, we cannot possibly ask you a question about each topic.