

# **Exam 1 Information**

**Monday, September 29 at 8:00PM in the Elliott Hall of Music**

**Every student will have an assigned seat. Seat assignments will be sent out via Purdue email the morning of the exam.**

## **BRING YOUR STUDENT ID**

**You will have 1 hour to complete 15 multiple choice questions covering lessons 1 – 14.**

**Once the exam begins, you cannot leave for the first 20 minutes. Once you leave, you cannot continue the exam.**

**The exam answer sheet must be completed in pencil.**

**The factoring formulas for the sum/difference of cubes will be provided, if needed. The volume/surface area formulas for a cone, cylinder, and/or sphere will also be provided, if needed. You are responsible for knowing any formulas used on the homework.**

**ONLY a TI-30Xa calculator is allowed on the exams; nothing else.**

**Your calculator cover must be put away during the exam. Review the instruction sheet before arriving, if necessary.**

**If you require accommodations, read through the Information for Students taking Accommodated Exams and register at least 1 week before the exam.**

### **Review Problems from the textbook:**

**Lesson 1: (page 49) 3, 4, 13, 14, 15, 16, 17, 19, 24**

**Lesson 2: (page 50) 18, 22, 30, 32, 33, 37**

**Lesson 3: (page 50) 47, 48, 50, 52, 53, 54, 55, 56, 57, 58, 59**

**Lesson 4: (page 50) 64, 65, 66, 69, 70, 71, 72, 78**

**Lesson 5: (page 50) 28, 79, 80, 81, 82, 83, 85**

**Lesson 6: (page 50) 25, 41, 44, 84, 86, 87, 88**

**Lesson 7: (page 119) 1, 2, 3, 4, 45 (page 61 #73 – 76)**

**Lesson 8: (page 120) 62, 66, 67, 70, 71, 73, 74**

**Lesson 9: (page 120) 63**

**Lesson 10: (page 119) 6**

**Lesson 11: (page 119) 7, 8, 9, 25**

**Lesson 12: (page 121) 80, 81, 82, 83**

**Lesson 14: (page 119) 10, 15, 16, 17, 18, 21 (page 100 #19, 20, 23 – 26), 24**

### **Past Exams:**

**Be sure to look over [Exam 1](#) from the past three semesters.**

**There will be no problems covering imaginary number or inequalities, so you can disregard parts of problems that cover those topics.**

**Spring 2013 Exam 1: ALL**

**Fall 2013 Exam 1: ALL (there will be NO imaginary numbers or inequalities)**

**Spring 2014 Exam 1: ALL (there will be NO inequalities)**

**In addition to reviewing the first exam from the past three semesters, you should also review problem #6 from Spring 2013 Exam 2.**

# **Review Recommendations**

1. Go over each of the [Review Problems from the textbook](#) with test conditions (no notes, computers, friends, tutors, etc., just you, a TI-30Xa calculator and a pencil). Mark the problems you are unable to solve and review those lessons.
2. Go over the [Past Exam problems](#) listed above with test conditions. Again, mark the problems you are unable to solve and review those lessons.
3. Go over past homework assignments, especially homework problems that you were unable to solve on your own.
4. Make sure that you are able to solve all of the above problems on your own before the exam. If you received help on any of the above problems, be sure to go over them again on your own.

**BE SURE TO BEGIN  
PREPARING FOR THE EXAM  
AS SOON AS POSSIBLE;  
NOTHING WILL AFFECT  
YOUR OVERALL COURSE  
GRADE MORE THAN YOUR  
EXAM SCORES.**