

## Notes about Exam 2, Math 142 Spring 2011

1. Exam 2: Tuesday, February 15. The exam covers Sections 5.3, 5.5, 7.1 – 7.5, 7.8, 6.1, and the slicing method from 6.2 (this is HW problems 56, 57, 58, 59, 60, and 61).
2. Be sure to be able to define the definite integral completely and correctly.
3. Be sure to be able to state the Fundamental Theorem of Calculus, completely and correctly. (We only did one part of this result.)
4. **Be sure to MASTER all of the assigned homework.**
5. **Be sure to MASTER all of the Quizzes from your class – both sections.**
6. The material on the old **MATH 142** exams which is covered on your exam 2:  
Exam 1's:
  - Fall 1998: 3, 5, 9, 10.
  - Fall 2000: 1, 2.
  - Fall 2001: 1, 2.
  - Fall 2002: 1, 2.
  - Spring 2004: 1, 2, 5, 6, 7.
  - Fall 2004: 1, 2, 7.
  - Spring 2006: 1, 2, 3, 4 (one part only), 6, 10.
  - Fall 2006: 1, 2 (one part only), 3, 4, 6, 7.
  - Fall 2009: 1, 2 (one part only), 3, 4, 5, 6, 10.
  - Fall 2010: all
  - Spring 2011: allExam 2's:
  - Fall 1998: 1, 2, 3, 5, 6, 7, 8, 10.
  - Fall 2000: 1, 2, 3, 4, 5, 6, 7, 8.
  - Fall 2001: 1, 2, 3, 4, 5, 6, 7, 8.
  - Fall 2002: 1, 2, 3, 4, 5, 6.
  - Spring 2004: 1, 2, 3, 4, 5, 8.
  - Fall 2004: 2, 6, 7, 8, 9, 10, 11.
  - Spring 2006: 1, 2, 3, 4, 5, 6, 7 (one part only).
  - Fall 2006: 1, 2, 3, 4, 5, 6, 7, 9.
  - Fall 2009: 1, 2, 3, 7, 8, 9, 10.
  - Fall 2010: 1, 2, 3, 4, 6, 8,

## Exam 3's:

Fall 1998: 1, 3, 4, 5.  
Fall 2000: 1, 2, 3, 4, 5, 6, 8.  
Fall 2001: 1, 2, 4, 5, 8, 9.  
Fall 2002: 3, 4, 5, 6, 7, 8.  
Spring 2004 : 1, 2, 3, 4, 5, 6, 10.  
Fall 2004: 1, 2, 3, 4, 5, 7, 8.  
Spring 2006: 1, 2, 3, 4, 5, 6, 7.  
Fall 2006: 2, 3, 4, 5, 6, 8.  
Fall 2010: 2.

## Exam 4's:

Fall 1998: 1, 2, 3.  
Fall 2000: 10.  
Fall 2010: 2.

## Final Exams:

Fall 1998: 5, 6, 7, 8, 9.  
Fall 2000: 1, 2, 3, 6, 7, 8.  
Fall 2001: 1, 2, 11, 12, 13, 14, 15, 18.  
Fall 2002: 1, 2, 3, 4, 9, 12.  
Spring 2004: 1, 2, 3, 4, 5, 8, 9.  
Fall 2004: 2, 4, 5, 6, 7, 8, 11, 12, 13.  
Spring 2006: 1, 2, 3, 4, 5, 7.  
Fall 2006: 1, 2, 3, 4, 5, 7.  
Fall 2009: 1, 2, 3, 4, 8, 9, 10, 11, 12.  
Fall 2010: 1, 2, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,