

Notes about the Final Exam, Math 142, Spring 2016

1. Be sure to **MASTER** all of the assigned homework.
2. Be sure to **MASTER** all of the **Quizzes** from your class.
3. The material on the old **MATH 142** exams which is covered on your final exam:

Exam 1's:

- Fall 1998: 3, 5, 9, 10.
- Fall 2000: 1, 2.
- Fall 2001: 1, 2.
- Fall 2002: 1.
- Spring 2004: 5, 6, 7.
- Fall 2004: 1, 2, 7.
- Spring 2006: 1, 2, 3, 5, 6, 7.
- Fall 2006: 3, 4, 5, 6.
- Fall 2009: 3, 4, 5, 6, 7.
- Fall 2010: 3, 4, 5, 6, 7, 8.
- Spring 2011: 3, 4, 5, 6, 7, 8.
- Fall 2011: 3, 4, 5, 6, 7, 8, 9.
- Spring 2012: 3, 4, 5, 6, 7, 8, 9.
- Fall 2012: 3, 4, 5, 6, 7.
- Fall 2013: 2, 3, 4, 5, 6.
- Spring 2014: 2, 3, 4, 5.
- Fall 2015: all.
- Spring 2016: all

Exam 2's:

- Fall 1998: 1, 2, 3, 5, 6, 7, 8, 10.
- Fall 2000: 1 – 8.
- Fall 2001: 1 – 8.
- Fall 2002: 1, 2, 3, 4, 5, 6.
- Spring 2004: 1–5, 8.
- Fall 2004: 2, 6–11.
- Spring 2006: 1–6, 8.
- Fall 2006: 2–7, 9.
- Fall 2009: 1–3, 6, 7, 8, 9, 10.
- Fall 2010: 2, 3, 4, 5, 8.
- Spring 2011: 2, 3, 5–9.

Fall 2011: 5–8.

Spring 2012: 4–9.

Fall 2012: 2–6.

Fall 2013: 1, 3, 4, 5, 6.

Spring 2014: 2, 3, 4, 5, 6.

Fall 2015: 1, 2, 3, 4.

Spring 2016: 1, 2, 3, 4, 5, 6.

Exam 3's:

Fall 1998: 1, 2, 3, 4, 5, 6, 7.

Fall 2000: all,

Fall 2001: 1, 2, 4, 5, 6, 7, 8, 9, 10, 11.

Fall 2002: 1, 2, 3, 4, 5, 6, 7, 8, 10.

Spring 2004 : all

Fall 2004: all

Spring 2006: 1, 2, 3, 4, 5, 6, 7, 8, 9 (You may assume that the sequence converges.).

Fall 2006: 2, 3, 4, 5, 6, 7, 8, 9.

Fall 2009: 1, 2, 4, 5, 6, 7, 8, 9.

Fall 2010: 3 (You may assume that the sequence converges.) 4, 5, 6, 7, 8.

Spring 2011: 2, 3, 4, 5, 6, 7d (You may assume that the sequence converges.).

Fall 2011: 1d (You may assume that the sequence converges.), 2, 3, 4, 5, 6, 7.

Spring 2012: 2d (You may assume that the sequence converges.) 3, 4, 5, 6, 7.

Fall 2015: 1, 2, 4, 5.

Spring 2016: all

Exam 4's:

Fall 1998: 1, 2, 3, 4, 5, 6, 7, 8.

Fall 2000: 1, 2, 4, 5, 6, 7, 8, 9, 10, 11.

Fall 2001: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

Fall 2002: 1, 2, 4, 5, 6, 7, 8, 9, 10, 11.

Spring 2004 : 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

Fall 2004: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

Spring 2006: 1, 2, 3, 4, 5, 6 (You may assume that the sequence converges.), 7, 8, 9, 10.

Fall 2006: 1, 2, 3, 4, 5, 6, 7, 8(You may assume that the sequence converges.).

Fall 2010: 3(You may assume that the sequence converges.), 4, 5, 6, 7, 8.

Final Exams:

Fall 1998: 1, 2, 3, 5, 6, 7–11, 12, 13, 15, 16, 19.

Fall 2000: 1–10, 14, 15, 16, 17, 18, 20.

Fall 2001: 1–3, 5, 6, 7, 8, 9, 11, 12–16, 18, 19, 20.

Fall 2002: 1–14.

Spring 2004: 1–5, 7–12, 14–18.

Fall 2004: 2, 4–8, 10, 11, 12, 13, 14, 15, 16, 18 (Find the Taylor polynomial only.).

Spring 2006: 1–7, 8(You may assume that the sequence converges.), 11, 12, 13, 14, 15, 16, 17, 18, 19, 20.

Fall 2006: 1–7, 8(You may assume that the sequence converges.), 11, 12, 13, 14, 15, 16, 17, 18, 19, 20.

Fall 2009: 1, 3, 7, 8–11, 12, 13, 14, 15, 16, 17, 18, 19, 20.

Fall 2010: 3(You may assume that the sequence converges.), 4, 5, 6, 7, 8, 9, 10, 11, 13–20.

Spring 2011: 1–6, 9(You may assume that the sequence converges.), 10, 11, 12, 13, 14–18.

Fall 2011: 1–15, 16d(You may assume that the sequence converges.).

Spring 2012: 1–4, 5, 6, 7–11, 12, 13, 14, 15, 16d(You may assume that the sequence converges.).

Fall 2012: 1, 2, 3, 6, 7, 8, 10, 11, 12.

Fall 2013: 2, 3, 4, 5, 6, 7, 8, 9, 10.

Spring 2014: 2–10.

Fall 2015: 1–4, 7–10.