

Engineering Mathematics 1 (010.140)

Fall, 2011

Instructor: Myung-Soo Kim

Office: 302-430

TEL: 880-1838

E-mail: mskim@snu.ac.kr

TA: Yunku Kang (yunku2002@daum.net)

TA: Jonghwa Woo (wjh0630@gmail.com)

Office: 302-315-1

TEL: 880-1840

Course URL: <http://3map.snu.ac.kr>

Classroom: 43-1-401

Time: Mon, Wed 14:00–15:15

Grade:

- Midterm: 30%
- Final: 30%
- Homeworks, Quizzes, and Projects: 40%
- Textbook:
Erwin Kreyszig, *Advanced Engineering Mathematics*,
9th Ed., John Wiley & Sons, New York, 2009.

Weeks	Lectures	Exams/Quizzes
9/1–3	First Order ODEs	
9/5–10	First Order ODEs	
9/12–17	Second Order ODEs	Quiz #1
9/19–24	Second Order ODEs	
9/26–10/1	Higher Order ODEs	Quiz #2
10/3–8	Systems of ODEs	
10/10–15	Systems of ODEs	Quiz #3
10/17–22	Midterm Exam	
10/24–29	Laplace Transforms	
10/31–11/5	Laplace Transforms	Quiz #4
11/7–12	Numerics in General	
11/14–19	Numerics in General	Quiz #5
11/21–26	Linear Algebra	Quiz #6
11/28–12/3	Linear Algebra	Quiz #7
12/5–10	Eigenvalue Problems	
12/12–17	Final Exam	