

Engineering Mathematics 1 (033.014)

Fall, 2016

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

Classroom: 43-1-301

Time: Mon, Wed 11:00–12:15

Grade:

- Midterm: 30%
- Final: 30%
- Homeworks, Quizzes, and Projects: 40%
- Textbook:
Erwin Kreyszig, *Advanced Engineering Mathematics*,
10th Ed., John Wiley & Sons, New York, 2011.

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