

Engineering Mathematics 1 (033.014)

Fall, 2018

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

Classroom: 43-1-301

Time: Tue, Thu 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
9/3–8	First Order ODEs	
9/10–15	Second Order ODEs	Quiz#1
9/17–22	Higher Order ODEs	
9/27–29	Systems of ODEs	Quiz #2
10/1–6	Laplace Transforms	
10/8–13	Laplace Transforms	Quiz #3
10/15–20	Series Solutions of ODEs Numerics for ODEs	
10/22–27	Midterm Exam	
10/29–11/3	Fourier Transforms	Quiz #4
11/5–10	Numerics in General	
11/12–17	Linear Algebra	
11/19–24	Linear Algebra	
11/26–12/1	Eigenvalue Problems	Quiz #5
12/3–8	Eigenvalue Problems	
12/10–15	Eigenvalue Problems	
12/17–20	Final Exam	