

Engineering Mathematics 1 (033.014)

Spring, 2020

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

Classroom: 302-209

Time: Tues, Thurs 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/HWs
3/16-21	First Order ODEs	
3/23-28	Second Order ODEs	
3/30-4/4	Higher Order ODEs Systems of ODEs	HW#1
4/6-11	Systems of ODEs Series Solutions of ODEs	
4/13-18	Laplace Transforms	HW#2
4/20-25	Laplace Transforms	
4/27-5/2	Numerics for ODEs	HW#3
5/4-9	Numerics for PDEs	
5/11-16	Numerics in General	
5/18-23	Fourier Transforms	
5/25-30	Eigenvalue Problems	
6/1-5	Eigenvalue Problems	
6/8-13	Final Exam	June 11, 2020 302-105
6/15-20	Linear Algebra	
6/22-27	Linear Algebra	
6/29-30	Makeup Exam	