

BOSTON UNIVERSITY
MA 226 Section A

Spring Semester

Differential Equations

2017

Course Outline
subject to change

Week	Dates	Topics	Notes
01	Jan 19 – Jan 22	First-order ODEs	
02	Jan 23 – Jan 29	First-order ODEs	
03	Jan 30 – Feb 05	First-order ODEs	
04	Feb 06 – Feb 12	Intro to Bifurcation Theory	
05	Feb 13 – Feb 19	Linear systems	
06	Feb 20 – Feb 26	Linear systems	Presidents' Day; M/T switch; Midterm
07	Feb 27 – Mar 05	Linear systems	
08	Mar 06 – Mar 12		Spring Recess
09	Mar 13 – Mar 19	Nonlinear systems	
10	Mar 20 – Mar 26	Nonlinear systems	
11	Mar 27 – Apr 02	Integral Transform Methods	
12	Apr 03 – Apr 09	Integral Transform Methods	Assignment Due
13	Apr 10 – Apr 16	Integral Transform Methods	
14	Apr 17 – Apr 23	Forcing and Resonance	Patriots' Day; Midterm
15	Apr 24 – Apr 30	Forcing and Resonance	Prof. Vo away Apr 28 (class as usual)
16	May 01 – May 07	Forcing and Resonance	Last lecture (May 03)
17	May 08 – May 12		Exam period