

ENG ME 302 Engineering Mechanics II**Spring 2020**

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Text: R. C. Hibbeler, *Dynamics*, Pearson, 14th ed., 2016,
ISBN-13: 9780133915389.

<u>Week Beginning</u>	<u>Topics</u>	<u>Reading</u>
1/20	Particle kinematics	12.1–12.8
1/27	Particle kinetics	13.1–13.7
2/3	Work and energy for a particle	14.1–14.6
2/10	Systems of particles	15.1–15.4
2/17	"	15.5–15.8
2/24	Planar kinematics of rigid bodies	16.1–16.4
3/2	Spring break	
3/9	Planar kinematics of rigid bodies	16.4–16.8
3/16	Planar kinetics of rigid bodies	17.1–17.3
3/23	"	17.4–17.5
3/30	Work and energy for a rigid body	18.1–18.5
4/6	"	"
4/13	Impulse and momentum for a rigid body	19.1–19.4
4/20	Mechanical vibrations	22.1–22.3
4/27	"	22.4–22.6

Grading: Two tests, each worth 25% of final grade
Final exam, worth 25% of final grade
Homework assignments, together worth 10% of final grade
Laboratory exercise, worth 15% of final grade.