

**Table of examination schedule**

<u>Examination name and weight in letter grade</u>	<u>Day and Date</u>	<u>Time and Classroom</u>	<u>Syllabus</u>
First, 14%	To be decided	9:00 – 9:50 a.m., MH 4012	Chapters 1, 2, and 8
Second, 14%	To be decided	9:00 – 9:50 a.m., MH 4012	Chapters 9, 3, and parts of 4
Third, 14%	To be decided	9:00 – 9:50 a.m. MH 4012	Chapters 5, 6 and parts of 4
Final, 14%	Friday, 11 <sup>th</sup> December 12	10:15 – 12:15 p.m., MH 4009	Entire course syllabus

**Table of course agenda**

<u>Week number:</u>	<u>Topics</u>	<u>Reading</u>
1	Survey of Elementary Principles	Chapter 1
2	Variational Principles and Lagrange's Equations	Chapters 1 and 2
3	Variational Principles and Lagrange's Equations	Chapter 2
4	The Hamilton Equations of Motion	Chapter 8, sections 8.1, 8.2, 8.5, and 8.6
5	The Hamilton Equations of Motion	Chapter 8, sections 8.1, 8.2, 8.5, and 8.6
6	Canonical Transformations and Poisson Brackets	Chapter 9
7	The Central Force Problem	Chapter 3
8	The Central Force Problem	Chapter 3

9	The Central Force Problem	Chapter 3
10	Kinematics of Rigid Body Motion	Chapter 4
11	Kinematics of Rigid Body Motion	Chapter 4
12	Rigid body Equations of Motion	Chapter 5
13	Rigid body Equations of Motion	Chapter 5
14	Rigid body Equations of Motion	Chapter 5
15	Oscillations	Chapter 6
16	Oscillations	Chapter 6