

A tentative schedule for Spring 2024 is listed below, and it is subject to change.

Week	Activity Type	Topics
1 (8 to 14 Jan)	Lecture	Lesson 1: Measurements and Vectors
	Lecture	Lesson 2: Kinematics in 1D
	Lab	Consultation
2 (15 to 21 Jan)	Lecture	Lesson 3: Kinematics in 2D and 3D
	Lecture	Lesson 4: Newton's Laws of Motion
	Lab	Lab 1: Velocity and Acceleration
3 (22 to 28 Jan)	Lecture	Lesson 5: Application of Newton's Laws Part 1 + Lesson 6: Application of Newton's Laws Part 2
	Lecture	Quiz 1 (Lessons 1 to 3)
	Lab	Lab 2: Equations of Motion
4 (29 Jan to 4 Feb)	Lecture	Lesson 7: Work and Energy Part 1
	Lecture	Lesson 8: Work and Energy Part 2
	Lab	Lab 3: External Forces and the 3 rd Law
5 (5 to 11 Feb)	Lecture	Lesson 9: Momentum and Collisions Part 1
	Lecture	Lesson 10: Momentum and Collisions Part 2
	Lab	Consultation
6 (12 to 18 Feb)	Lecture	Consultation
	Lecture	Exam 1 (Lessons 1 to 6)
	Lab	Lab 4: Coefficients of Friction
7 (19 to 25 Feb)	Break	
8 (26 Feb to 3 Mar)	Lecture	Consultation
	Lecture	Lesson 11: Rotation and Moment of Inertia Part 1 + Lesson 12: Rotation and Moment of Inertia Part 2
	Lab	Lab 5: Conservation of Energy on Inclined track
9 (4 to 10 Mar)	Lecture	Lesson 13: Rotational Dynamics
	Lecture	Lesson 14: Rolling Motion
	Lab	Lab 6: Collisions in 1D
10 (11 to 17 Mar)	Lecture	Lesson 15: Angular Momentum
	Lecture	Quiz 2 (Lessons 7 to 12)
	Lab	Lab 7: Newton's 2 nd Law for Rotation
11 (18 to 24 Mar)	Lecture	Consultation
	Lecture	Lesson 16: Static Equilibrium
	Lab	Lab 8: Static Equilibrium of a Rigid body
12 (25 to 31 Mar)	Lecture	Lesson 17: Gravitation
	Lecture	Consultation

Week	Activity Type	Topics
	Lab (Holiday)	Holiday (Good Friday)
13 (1 to 7 Apr)	Lecture	Exam 2 (Lessons 1 to 17)
	Lecture	Quiz/exam make-up (Lessons 1 to 17)
	Lab	Consultation