

PHYS 2211 – SP25 – Assignment Check List

(in 24h Format –meaning that 5:59 is early AM, H≡Homework, L≡Lecture, PQ≡Phantom quiz, Q≡Quiz, GQ≡Guiding Quiz)

	day	deadline	Assignmen t	topic
	Monday	1/13/2025 16:00 (PM)	L & PQ & Q 01	Unit 1: (1) The Scientific Method and Physics (2) Thinking Like a Scientist (3) Measurements, Uncertainty and Significant Figures (4) Units and Standards (5) Unit Conversion (6) Dimensional Analysis (7) How to Solve Problems in this Course
	Wednesday	1/15/2025 16:00 (PM)	L & PQ & Q 02	
	Wednesday	1/15/2025 23:59 (PM)	GQ 01	
	Monday	1/20/2025 16:00 (PM)	Holiday	Unit 2: (1) Review of Trigonometry (2) Right Angle Triangle Trigonometry (3) Scalars and Vectors (4) Coordinate Systems and Components of a Vector (5) Algebra of Vectors (6) Products of Vectors (7) Math Review of Other Topics
	Tuesday	1/21/2025 5:59 (AM)	H 01	
	Wednesday	1/22/2025 16:00 (PM)	L & PQ & Q 03	
	Wednesday	1/22/2025 23:59 (PM)	GQ 02	
	Monday	1/27/2025 16:00 (PM)	L & PQ & Q 04	Unit 3: (1) Position, Displacement and Distance (2) Velocity (3) Acceleration (4) Graphical Analysis of Motion (5) Examples of Motion with Constant Acceleration (6) Free Fall (7) More about Motion in Multiple Dimensions
	Tuesday	1/28/2025 5:59 (AM)	H 02	
	Wednesday	1/29/2025 16:00 (PM)	L & PQ & Q 05	
	Wednesday	1/29/2025 5:59 (AM)	GQ 03	
	Monday	2/3/2025 16:00 (PM)	L & PQ & Q 06	Unit 4: (1) Circular Motion (2) Rotational Variables (3) Rotation with Constant Angular Acceleration (4) Relating Angular and Translational Quantities (5) Examples of Rotational and 2-Dimensional Motion (6) Relative Motion
	Tuesday	2/4/2025 5:59 (AM)	H 03	
	Wednesday	2/5/2025 16:00 (PM)	L & PQ & Q 07	
	Wednesday	2/5/2025 5:59 (AM)	GQ 04	
	Monday	2/10/2025 16:00 (PM)	L & PQ & Q 08	Unit 5: (1) Forces (2) Common Forces - The Gravitational Force (3) Common Forces - Normal (or Perpendicular) Force (4) Common Forces - Friction (5) Common Forces- Drag Force (6) Common Forces - Tension (7) Common Forces - Stress, Strain and the Spring Force (8) Common Forces - The Coulomb Force (9) Common Forces - Magnetic Force (10) Other Forces- Buoyancy, Surface Tension and Capillary Action (11) Forces on Rotating Bodies (12) The Four Fundamental Basic Forces in Nature
	Tuesday	2/11/2025 5:59 (AM)	H 04	
	Wednesday	2/12/2025 16:00 (PM)	L & PQ & Q 09	
	Wednesday	2/12/2025 5:59 (AM)	GQ 05	
	Monday	2/17/2025 16:00 (PM)	L & PQ & Q 10	Unit 6: (1) Newton's First Law (2) Newton's Second Law (3) Newton's Third Law (4) Drawing Free-Body Diagrams (5) Sample problems and solutions (6) Drag Force and Terminal Speed (7) Motion in a Curved Path (8) Linear motion (9) Revisiting Non-inertial frames of reference and inertial forces
	Tuesday	2/18/2025 5:59 (AM)	H 05	
	Wednesday	2/19/2025 16:00 (PM)	L & PQ & Q 11	
	Wednesday	2/19/2025 5:59 (AM)	GQ 6	
	Monday	2/24/2025 16:00 (PM)	L & PQ & Q 12	Unit 7: (1) Inertia (2) Mass, Weight and Gravitation Near a Planet's Surface (3) Internal and External Forces (4) Center of Mass (5) Center of Mass of Continuous Objects (6) Moment of Inertia/Rotational Inertia (7) Calculating Moments of Inertia (8) Calculating the Moment of Inertia For Compound Objects
	Tuesday	2/25/2025 5:59 (AM)	H 06	
	Wednesday	2/26/2025 16:00 (PM)	L & PQ & Q 13	
	Wednesday	2/26/2025 5:59 (AM)	GQ 7	
	Monday	3/3/2025 16:00 (PM)	L & PQ & Q 14	Unit 8: (1) Newton's Second Law for Rotation (2) Statics (3) Examples of Static Equilibrium (4) Fixed-Axis Rotation Summary
	Tuesday	3/4/2025 5:59 (AM)	H 07	
	Wednesday	3/5/2025 16:00 (PM)	L & PQ & Q 15	
	Wednesday	3/5/2025 5:59 (AM)	GQ 8	
	Monday	3/10/2025 16:00 (PM)	L & PQ & Q 16	Unit 8: (1) Newton's Second Law for Rotation (2) Statics (3) Examples of Static Equilibrium (4) Fixed-Axis Rotation Summary
	Wednesday	3/12/2025 16:00 (PM)	Exam	
	Wednesday	3/12/2025 23:59 (PM)	GQ 9	
	Sunday	3/16/2025 23:59 (PM)	Exam	Exam ReDo
	Monday	3/17/2025 16:00 (PM)	Break	
	Tuesday	3/18/2025 5:59 (AM)	Break	
	Wednesday	3/19/2025 16:00 (PM)	Break	
	Wednesday	3/19/2025 23:59 (PM)	Break	
	Monday	3/24/2025 16:00 (PM)	L & PQ & Q 17	Unit 9: (1) Work (2) Kinetic Energy (3) Rotational Kinetic Energy (4) Rolling motion (5) Work-Energy Theorem (6) Power (7) Rotational and Translational Relationships (8) Potential Energy of a System (9) Conservative and Non-Conservative Forces (10) Potential Energy Diagrams and Stability (11) Gravitational Potential Energy and Total Energy (12) Conservation of Energy (13) Sources of Energy (14) Work and Power for Rotational Motion (15) Rotational Kinetic Energy - Work and Energy (16) Rolling Motion
	Tuesday	3/25/2025 5:59 (AM)	H 08	
	Wednesday	3/26/2025 16:00 (PM)	L & PQ & Q 18	
	Wednesday	3/26/2025 23:59 (PM)	GQ 10	
	Monday	3/31/2025 16:00 (PM)	L & PQ & Q 19	Unit 9: (1) Work (2) Kinetic Energy (3) Rotational Kinetic Energy (4) Rolling motion (5) Work-Energy Theorem (6) Power (7) Rotational and Translational Relationships (8) Potential Energy of a System (9) Conservative and Non-Conservative Forces (10) Potential Energy Diagrams and Stability (11) Gravitational Potential Energy and Total Energy (12) Conservation of Energy (13) Sources of Energy (14) Work and Power for Rotational Motion (15) Rotational Kinetic Energy - Work and Energy (16) Rolling Motion
	Tuesday	4/1/2025 5:59 (AM)	H 09	
	Wednesday	4/2/2025 16:00 (PM)	L & PQ & Q 20	
	Wednesday	4/2/2025 23:59 (PM)	GQ 11	
	Monday	4/7/2025 16:00 (PM)	L & PQ & Q 21	Unit 10: (1) Linear Momentum (2) Impulse and Collisions (3) Conservation of Linear Momentum (4) Types of Collisions (5) Collisions in Multiple Dimensions (6) Rocket Propulsion (7) Introduction (8) Rolling Motion (9) Angular Momentum (10) Conservation of Angular Momentum (11) Precession of a Gyroscope (12) The Cross Product and Rotational Quantities (13) Fixed-Axis Rotation Summary
	Tuesday	4/8/2025 5:59 (AM)	H 10	
	Wednesday	4/9/2025 16:00 (PM)	L & PQ & Q 22	
	Wednesday	4/9/2025 23:59 (PM)	GQ 12	
	Monday	4/14/2025 16:00 (PM)	L & PQ & Q 23	Unit 11: (1) Simple Harmonic Motion (2) Energy in Simple Harmonic Motion (3) Pendulums (4) Damped Oscillations (5) Forced Oscillations
	Tuesday	4/15/2025 5:59 (AM)	H 11	
	Wednesday	4/16/2025 16:00 (PM)	L & PQ & Q 24	
	Wednesday	4/16/2025 23:59 (PM)	GQ 13	
	Monday	4/21/2025 16:00 (PM)	L & PQ & Q 25	Unit 12: (1) Traveling Waves (2) Mathematics of Waves (3) Wave Speed on a Stretched String (4) Energy and Power of a Wave (5) Sound Waves (6) Speed of Sound (7) Interference of Waves (8) Standing Waves and Resonance (9) Normal Modes of a Standing Sound Wave (10) Sources of Musical Sound (11) Beats (12) The Doppler Effect (13) Shock Waves (14) The Human Ear
	Tuesday	4/22/2025 5:59 (AM)	H 12	
	Wednesday	4/23/2025 16:00 (PM)	L & PQ & Q 26	
	Monday	4/28/2025 16:00 (PM)	L 27	Review
	Monday	5/5/2025 16:00 (PM)		Final Exam 4:00pm-6:30pm