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| -asd  **2023/2024 SP015 Course Schedule**  Last updated: 17/7/2023, sr   |  |  |  |  | | --- | --- | --- | --- | | **Week** | **Session** | **Topic/Items** | **Notes** | | 1 | 1 | Introduction & Entrance Quiz |  | | 2 | Mathematical Prerequisite/ Chapter 1 |  | | 3 | SP015 Worksheet |  | | 4 | 2.1 Linear Motion |  | | Labs | Lab Prep & Data Analysis Practice |  | | 2 | 1 | 2.2 Uniformly Accelerated Motion |  | | 2 | Problem Practice |  | | 3 | 2.3 Projectile Motion |  | | 4 | Problem Practice |  | | Labs |  |  | | 3 | 1 | 3.1 Momentum & Impulse  3.2 Conservation of Linear Momentum |  | | 2 | Practice Problems |  | | 3 | 3.3 Basic of forces & Free Body Diagram |  | | 4 | Practice Problems |  | | Labs |  |  | | 4 | 1 | 3.4 Newton’s Laws of Motion (General, Pulley) |  | | 2 | 3.4 Newton’s Laws of Motion (Slanted Surfaces) |  | | 3 | Practice Problems |  | | 4 | Practice Problems |  | | Labs |  |  | | 5 | 1 |  |  | | 2 |  |  | | 3 |  |  | | 4 |  |  | | Labs |  |  | | 6 | 1 |  |  | | 2 |  |  | | 3 |  |  | | 4 |  |  | | Labs |  |  | | 7 | 1 |  |  | | 2 |  |  | | 3 |  |  | | 4 |  |  | | Labs |  |  | | 8 | 1 |  |  | | 2 |  |  | | 3 |  |  | | 4 |  |  | | Labs |  |  | | 9 | 1 |  |  | | 2 |  |  | | 3 |  |  | | 4 |  |  | | Labs |  |  | |  |  |  |  | |