Syllabus: Physics 1A

WEEK 1
(L1): Chap-1 & 2, Introduction: The Nature of Science and Physics; Units, Accuracy and Approximation (I)
(L2): Chap-2, Units, Accuracy and Approximation (II)
(L3): Chap-3, One Dimensional Kinematics: Motion Along a Line (I)

WEEK 2
(L4): Chap-3, One Dimensional Kinematics: Motion Along a Line (II)
(L5): Chap-3, One Dimensional Kinematics: Motion Along a Line (III)
(L6): Chap-4, Two-Dimensional Kinematics: Motion on a Surface (I)

WEEK 3
(L7): Chap-4, Two-Dimensional Kinematics: Motion on a Surface (II)
(L8): Chap-4, Two-Dimensional Kinematics: Motion on a Surface (III)
Quiz 1 (Chapters 1, 2 & 3)

WEEK 4
(L9): Chap-5, Newton's Laws (Part-I)
(L10): Chap-5, Newton's Laws (Part-II)
(L11): Chap-5, Newton's Laws (Part-III)

WEEK 5
(L12): Chap-5, Newton's Laws (Part-IV)
(L13): Chap-6, Work, Energy and Power (I)
Quiz 2 (Chapters 4 & 5)

WEEK 6
(L14): Chap-6, Work, Energy and Power (II)
(L15): Chap-6, Work, Energy and Power (Part-III)
(L16): Chap-7, Linear Momentum and Collisions (I)

WEEK 7
(L17): Chap-7, Linear Momentum and Collisions (II)
(L18): Chap-8, Uniform Circular Motion (I)
Quiz 3 (Chapters 6 & 7)

WEEK 8
(L19): Chap-8, Uniform Circular Motion (II)
(L20): Chap-8, Uniform Circular Motion (III)
(L21): Chap-9, Torque and Rotational Energy (I)

WEEK 9
(L22): Chap-9, Torque and Rotational Energy (II)
Quiz 4 (Chapters 8 & 9)

WEEK 10
(L23): Chap-10, Equilibrium
(L24): Chap-11, Fluid Statics (I)
(L25): Chap-11, Fluid Statics (II)

WEEK 11
(L26): Chap-12, Fluid Dynamics
(L27): **Class Review**
Final Exam (All Chapters)