

Contents

Chapter 1: Introduction (week 1)

Chapter 2: Interaction of Particles and Matter (weeks 2, 3)

Chapter 3: Gas Detectors (weeks 4, 5, 6)

Chapter 4: Semiconductor Detectors (weeks 7, 8, 9)

Chapter 5: Scintillation Counters (week 10)

Chapter 6: Momentum Measurement (week 11)

Chapter 7: Particle Identification (week 12)

Chapter 8: Electromagnetic Calorimeters (week 13)

Chapter 9: Hadronic Calorimeters (week 14)