

Syllabus: Physics 2C (Condensed Form)

WEEK 1 (Chapters 18 - 19)

Monday, Aug 5: Temperature and Heat; 1st law of Thermodynamics

Tuesday, Aug 6: 1st law of Thermodynamics (contd.); Problem solving

Wednesday, Aug 7: Kinetic theory of gases

Thursday, Aug 8: Kinetic theory of gases ; Entropy; Second law of thermodynamics

WEEK 2 (Chapters 20, 14)

Monday, Aug 12: Entropy; Second law of thermodynamics; Problem-solving

Tuesday, Aug 13: Fluids

Wednesday, Aug 14: Fluids; Problem-solving

Thursday, Aug 15: Oscillations

WEEK 3 (Chapters 15, 16, 17)

Monday, Aug 19: Oscillations; Problem-solving

Tuesday, Aug 20: Waves-I; Problem-solving

Wednesday, Aug 21: Waves-I; Waves-II

Thursday, Aug 22: Waves-II

WEEK 4 (Chapters 33, 34, 35)

Monday, Aug 26: EM Waves

Tuesday, Aug 27: EM Waves; Problem-solving

Wednesday, Aug 28: Images

Thursday, Aug 29: Images: Interference

WEEK 5 (Chapters 35, 36)

Tuesday, Sept 3: Interference, Diffraction

Wednesday, Sept 4: Diffraction; Problem-solving

Thursday, Sept 5: Class Review (Attendance is non-mandatory)