

#		Monday	Tuesday	Wednesday	Thursday	Friday	Topics
0	09/05-09/11	PHYS-4160/8160 Schedule ➡ Hand in, Hand out ➡			Sept. 9 First Day	<i>Days with lectures in red</i>	Overview & Introduction
1	09/12-09/18		Sept. 14		Sept. 16 A1→		Lattices & Unit Cells
2	09/19-09/25		Sept. 21		Sept. 23 ➡A1 A2→		Reciprocal Lattice I & II
3	09/26-10/02		Sept. 28		Sept. 30 ➡A2 A3→		Diffraction I & II
4	10/03-10/11		Oct. 5		Oct. 7 ➡A3 A4→		Diffraction III & Phonons I
	10/10-10/16		Oct. 12	Reading Week	Oct. 14		
5	10/19-10/23		Oct. 19		Oct. 21 ➡A4 A5→		Phonons II & III
6	10/24-10/30		Oct. 26		Oct. 28 Mid-Term Exam		Bose Statistics & Einstein / Debye Models
7	10/31-11/06		Nov. 2		Nov. 4 ➡A5 A6→		Applications of Phonons & Drude Model I
8	11/07-11/13		Nov. 9		Nov. 11 ➡A6 A7→		Drude II & Free Electrons I
9	11/14-11/20		Nov. 16		Nov. 18 ➡A7 A8→		Free Electrons II & Bloch's Theorem
10	11/21-11/27		Nov. 23		Nov. 25 ➡A8 A9→		Weak Periodic Potential I & II
11	11/28-12/04		Nov. 30 ➡A9 Report (8160)	Assessment cutoff	Dec. 2		Band Structure & Tight-binding I
12	12/05-12/11		Dec. 7	Last day	Lectures are in Essex Hall 287, 10:00AM-11:30AM		Tight-binding II