

Topic	Reading	Assignment
Introduction and overview	H Ch 1 Weinberg, “The trouble with quantum mechanics” Carroll, “Even physicists don’t understand quantum mechanics”	
Superposition	H Ch 2	pset 1
Classical vs quantum probability 1 uncertainty, Kochen-Specker	handout	pset 2
Classical vs quantum probability 2 entanglement, EPR, Bell	H Chs 3,4 handout Einstein-Podolsky-Rosen paper Bohr paper	pset 3
Measurement problem, interpretations	H Chs 6,7 Wallace, “The Everett interpretation” Carroll, “Splitting the universe” Bell “Six possible worlds of quantum mechanics” Bell, “Against measurement”	pset 4