Week 1	08 Aug	(1) Introduction, Maxwell's equations	10 Aug	(2) EM waves: propagation and decay	
Week 2	15 Aug	HOLIDAY	17 Aug	(3) EM waves: boundaries, confined spaces	**Drop Test (Aug 18)**
Week 3	22 Aug	(4) EM wave equation with sources	24 Aug	(5) EM radiation	**HW1**
Week 4	29 Aug	(6) From EM to special relativity	31 Aug	(7) Lorentz transformations of observables	
Week 5	05 Sep	(8) Relativistic energy and momentum	07 Sep	(9) Four-vectors: covariance	
Week 6	12 Sep	Tutorial	14 Sep	Tutorial	
Week 7	19 Sep	HOLIDAY	21 Sep	(10) Relativistic kinematics	**HW2**
Week 8	26 Sep	(11) Higher-rank tensors	28 Sep	(12) EM field tensor and Maxwell's equations	
Week 9	03 Oct	(13) Relativistic Lagrangian and EoMs	05 Oct	(14) Lagrangian formulation of ED	**MIDTERM (Oct 6)**
Week 10	10 Oct	(15) Relativistic motion of charges	12 Oct	(16) EM potentials from a moving charge	
Week 11	17 Oct	(17) Fields from a uniformly moving charge	19 Oct	(18) Cherenkov radiation	
Week 12	24 Oct	HOLIDAY	26 Oct	HOLIDAY	
Week 13	31 Oct	(19) Radiation from an accelarating charge	28 Oct	(20) Radiation from linear motion	
Week 14	07 Nov	(21) Radiation from circular motion	09 Nov	(22) Radiation reaction force	**HW3**
Week 15	14 Nov	Tutorial	16 Nov	(23) Scattering and absorption of EM fields	
Week 16	21 Nov	Tutorial	23 Nov	**Final Exam (Nov 23)**	