

Date	Topic	Assgnmts (Due @17:00)
M 07/03	Introduction and Course Organization Convex sets and functions	
Tu 07/04	Convex Programming Linear Programming	Survey (bring to class)
W 07/05	Quadratic Programming Second Order Cone Programming	
Tu 07/06	Robust programming & Chance constraints Maximum Likelihood Estimation	
F 07/07	KKT Conditions Duality Theory	HW Due
M 07/10	Case Study 1: Hybrid Vehicle Energy Mgmt (LP) Case Study 2: Optimal PEV Chg Scheduling (QP)	
Tu 07/11	Case Study 3: Microgrid Planning (SOCP) Case Study 4: Microgrid Control (SOCP)	
W 07/12	Case Study 5: Fuel Cell Hybrid City Bus (CP) Case Study 6: Distributed Scheduling of DERs	
F 07/14		Project Report