

Week	Lectures	Tentative Schedule	Exercises
12.10-16.10	Overview of Smart Grid		No exercises
19.10-23.10	Basics of Power Systems1		Power Systems
26.10-30.10	Basics of Power Systems2		Power Systems Simulation
2.11-6.11	Applications		Power Systems Simulation
9.11-13.11	Standards & Interoperability		Optimization and Applications
16.11-20.11	Demand Side Management		Lab work
23.11-27.11	Communications Technologies -1		Demand Response (Profit maximization)
30.11-4.12	Communications Technologies -2		TCP and UDP socket Programming
7.12-11.12	Communications Technologies -3		IEEE C37.118
14.12-18.12	Communications Technologies -4		Lab work
23.12-6.1	Closed		Closed
11.1-15.1	Privacy and Security		Lab work
18.1-22.1	Renewable Energy sources		Encryption and decryption
25.1-29.1	E-Mobility		Lab work
1.2-5.2			