

Faculty of Engineering & Technology

Advanced Control of Power

Information :

Course Code : EPR 571

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Specialization of Electrical Power Engineering

Description :

Central operations: Operation of power systems, Organization and operator activities, Control center experience, Supervisory and control functions: Data acquisition, Monitoring and event processing, Control functions, Reports and calculations, Man-machine communications: Operators duties, Mimic diagram functions, System structures: Subsystems, System classes, System interactions, Performance and reliability considerations: Performance criteria, Software considerations, Hardware considerations, Databases, Technical realization: Central system, Communication system, Maintenance, Real time network modeling, Security, Training, Control system examples.