

Faculty of Engineering & Technology**Special Electrical Machines****Information :****Course Code :** EPR 542**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Specialization of Electrical Power Engineering**Instructor Information :**

Title	Name	Office hours
Professor	Hany Mohamed Hasanien Mohamed	2
Assistant Lecturer	Mohamed Abdallah Mahmoud Shaheen	1

Description :

Theory of single-phase rotating machines, Two phase motors, Single-phase induction motors, Windings and connections, Split phase induction motors: Operation and protection, Capacitor start motors, Two value capacitor motors, Shaded pole motors, Drag-cup motors, Linear motors, Synchronous motors, Reluctance motors, Hysteresis motors, Permanent magnet motors, Inductor type motors, Stepper motors, Dc motors, Universal motors, Dc special purpose motors, Variable speed drive systems, Dc servomotors, Selecting motors for required operations.