



**Requirements for taking the competitive exam to study for a  
PHD in the Electrical Engineering Technology for the  
academic year 2026-2027**



**متطلبات أداء الامتحان التنافسي لدراسة الدكتوراه في تقنيات الهندسة الكهربائية  
للعام الدراسي 2026 - 2027**

No	Subject
1	<b>Advanced Power Electronics</b>
2	<b>Advanced Electrical Machines</b>
3	<b>FACTS, Modelling and Simulation in Power Networks</b>
4	<b>Power System Operation and Control</b>
5	<b>Smart Grid as a Solution for Renewable and Efficient Energy</b>
6	<b>Renewable and Efficient Electric Power Systems</b>
7	<b>Advanced control</b>
8	<b>Power System Analysis</b>
9	<b>Advanced Electrical Drives</b>