

# **M.Sc in Electrical Power Engineering by Mixed Mode**

Faculty of Electrical Engineering Technology  
Universiti Malaysia Perlis

# Curriculum Structure (Full-time)

Registration Mode	FULL TIME		Elective courses list
SEMESTER	First	Second	
CORE COURSES	<b>EET501/3</b> Reseach Methodology	<b>EET513/14</b> Dissertation (Part 2)	<b>EET521/3</b> Insulation Co-ordination & HV Testing
	<b>EET502/4</b> Advanced Power system Analysis and Control		<b>EET522/3</b> Distributed Generation
	<b>EET503/4</b> Power System Protection		<b>EET524/3</b> A.I. Application in Power System
	<b>EET504/3</b> Advance Power Electrical Drive		<b>EET525/3</b> Lightning Protection & Grounding System
	<b>EET512/6</b> Dissertation (Part 1)		
	Elective courses		<b>EET52_/3</b> <b>EET52_/3</b>
40	20	20	
<b>40</b>	<b>TOTAL UNIT FOR GRADUATION</b>		

# Curriculum Structure (Part-time)

Registration Mode	PART TIME				Elective courses list
SEMESTER	First	Second	Third	Fourth	
CORE COURSES	<b>EET501/3</b> Research Methodology		<b>EET504/3</b> Advance Power Electrical Drive	<b>EET513/14</b> Dissertation (Part 2)	<b>EET521/3</b> Insulation Co-ordination & HV Testing
	<b>EET502/4</b> Advanced Power system Analysis and Control		<b>EET512/6</b> Dissertation (Part 1)		<b>EET522/3</b> Distributed Generation
	<b>EET503/4</b> Power System Protection				<b>EET524/3</b> A.I. Application in Power System
					<b>EET525/3</b> Lightning Protection & Grounding System
Elective courses		<b>EET52_/3</b>			
		<b>EET52_/3</b>			
40	11	6	9	14	
40	TOTAL UNIT FOR GRADUATION				