



UNIVERSITI TEKNOLOGI MARA

EPO610: POWER FILTER AND COMPENSATION

Course Name (English)	POWER FILTER AND COMPENSATION APPROVED		
Course Code	EPO610		
MQF Credit	3		
Course Description	no description provided		
Transferable Skills	Analytical thinking		
Teaching Methodologies	Lectures, Tutorial		
CLO	CLO1 Describe problems pertaining harmonics in power electronics converter. CLO2 Design filter to reduce order of harmonics components. CLO3 Identify and utilize the specified technique(s) to solve problems related to filters. CLO4 Simulate and access the filter performance using computer aided software.		
Pre-Requisite Courses	No course recommendations		
Reading List	<table border="1"><tr><td>Recommended Text</td><td><ul style="list-style-type: none">Ned Mohan, Tore M. Undeland, William P. Robbins 2003, <i>Power electronics</i>, John Wiley & Sons Hoboken, NJ [ISBN: 0471226939]M.H. Rashid, <i>Power Electronics</i>, Prentice Hall International Paperback Editions [ISBN: 0136866190]</td></tr></table>	Recommended Text	<ul style="list-style-type: none">Ned Mohan, Tore M. Undeland, William P. Robbins 2003, <i>Power electronics</i>, John Wiley & Sons Hoboken, NJ [ISBN: 0471226939]M.H. Rashid, <i>Power Electronics</i>, Prentice Hall International Paperback Editions [ISBN: 0136866190]
Recommended Text	<ul style="list-style-type: none">Ned Mohan, Tore M. Undeland, William P. Robbins 2003, <i>Power electronics</i>, John Wiley & Sons Hoboken, NJ [ISBN: 0471226939]M.H. Rashid, <i>Power Electronics</i>, Prentice Hall International Paperback Editions [ISBN: 0136866190]		
Article/Paper List	This Course does not have any article/paper resources		
Other References	This Course does not have any other resources		