



Republic of the Philippines
MINDANAO UNIVERSITY OF SCIENCE AND TECHNOLOGY
 Lapasan, Cagayan De Oro City

COLLEGE OF ENGINEERING & ARCHITECTURE

**Master of Engineering Program
 SY 2009-2011**

SUBJECT CODE	DESCRIPTIVE TITLE	H O U R		U N I T			PRE-REQUISITE	CO-REQUISITE
		LAB	LEC	LAB	LEC	CREDIT		
<u>1ST YEAR - 1ST SEMESTER</u>								
MEP 502	Computational Methods for Electric Power Systems	0.0	3.0	0.0	3.0	3.0		
MEP 501	Applied Optimization & Linear Models	0.0	3.0	0.0	3.0	3.0		
MEP 511	Renewable Energy Resources	0.0	3.0	0.0	3.0	3.0		
		0.0	9.0	0.0	9.0	9.0		
<u>1ST YEAR - 2ND SEMESTER</u>								
MEP 503	Mathematical Modeling & Applications	0.0	3.0	0.0	3.0	3.0		
MEP 530	Power Transmission and Distribution Systems	0.0	3.0	0.0	3.0	3.0		
MEP 522	Energy Demand Analysis & Forecasting	3.0	2.0	1.0	2.0	2.0		
		3.0	8.0	1.0	8.0	8.0		
<u>1ST YEAR - SUMMER</u>								
MEP 520	Economics of Electricity Markets & Planning	0.0	3.0	0.0	3.0	3.0		
MEP 531	Power Systems Operation & Control	0.0	3.0	0.0	3.0	3.0		
MEP 513	Solar Energy	0.0	3.0	0.0	3.0	3.0		
		0.0	9.0	0.0	9.0	9.0		
<u>2ND YEAR - 1ST SEMESTER</u>								
MEP 550	Special Study	0.0	6.0	0.0	6.0	6.0		
MES750	Optimization of Power Systems	3.0	2.0	1.0	2.0	2.0		
		3.0	8.0	1.0	8.0	8.0		
<u>2ND YEAR - 2ND SEMESTER</u>								
MEP 560	Thesis	0.0	12.0	0.0	12.0	12.0		
		0.0	12.0	0.0	12.0	12.0		