

Republic of the Philippines  
University of Southeastern Philippines  
COLLEGE OF TECHNOLOGY  
Obrero Campus, Davao City

**PROSPECTUS**

PROGRAM : MASTER OF INDUSTRIAL TECHNOLOGY  
AREA OF SPECIALIZATION : ELECTRICAL TECHNOLOGY

**First Year      First Semester      First Block**

<b>A. Foundation Subjects      9 units</b>		<b>Units</b>	<b>Pre-requisite</b>
MIT 501	Methods of Research	3	None
MIT 502	Statistics	3	None
MIT 503	Foundation of Technology Education and Training	3	None
<b>B. Cognates      9 units ( MIT 506 and any two subjects of the Cognates)</b>			
MIT 506	Industrial Organization and Management	3	None

**12**

**First Year      Second Semester      Second Block**

<b>( Any two subjects of the Cognates)</b>			
MIT 504	Models of Instructional Training/Delivery System	3	MIT 503/506
MIT 505	Environmental and Occupational Safety	3	MIT 503/506
MIT 507	CAD/CAM	3	MIT 503/506
MIT 508	Hydraulic and Pneumatic Systems	3	MIT 503/506
MIT 509	Intellectual Property Rights	3	MIT 503/506

**C. Major Subjects      18 UNITS (Technology Area)**

MIT 510	Energy Management System	3	None
MIT 511	Advanced Industrial Instrumentation	3	None

**12**

**Second Year      First Semester      Third Block**

MIT 512	Electrical Machines Design	3	MIT 510/511
MIT 513	Electric Systems and Designs	3	MIT 510/511
MIT 514	Electrical Power Systems and Technology	3	MIT 510/511
MIT 515	Alternative Energy Innovation	3	MIT 510/511

**12**

**Second Year      Second Semester      Fourth Block**

<b>D. Seminar Paper/Thesis      6 UNITS</b>			
MIT 521	Seminar in Action / Applied Research	2	Completed the required subjects

**Second Year      Summer**

Comprehensive Examination	Required	Completed the required subjects
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**Third Year      First Semester      Fifth Block**

MIT 522	Project Study / Thesis	4	Comprehensive Examination
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**6**

SUMMARY:

<b>A. Foundation Subjects</b>		Required	<b>9 units</b>
<b>B. Cognates</b>			<b>9 units</b>
<b>C. Major Subjects</b>			<b>18 units</b>
<b>D. Seminar Paper</b>			<b>2 units</b>
<b>E. Thesis/Project Study</b>			<b>4 units</b>
<b>Total:</b>			<b>42 units</b>