

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

PROSPECTUS

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

First Year First Semester First Block

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

12

First Year Second Semester Second Block

| (Any two subjects of the Cognates) | | | | |
|--|--|--|---|-------------|
| 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 | Automotive Machines & Electronics Equipment | | 3 | None |
| MIT 511 | Hybrid Electric Vehicle | | 3 | None |

12

Second Year First Semester Third Block

| | | | | |
|---------|--|--|---|-------------|
| MIT 512 | Transport Airconditioning Servicing and Installation | | 3 | MIT 510/511 |
| MIT 513 | Auto Electronic Machines and Controls | | 3 | MIT 510/511 |
| MIT 514 | Diesel Injection Pump Calibration Systems | | 3 | MIT 510/511 |
| MIT 515 | Automatic Transmission/Transaxle | | 3 | MIT 510/511 |
| MIT 516 | Body and Chassis System | | 3 | MIT 510/511 |

12

Second Year Second Semester Fourth Block

| D. Seminar Paper/Thesis | | 6 UNITS | | |
|--------------------------------|--------------------------------------|----------------|---|---------------------------------|
| MIT 521 | Seminar in Action / Applied Research | | 2 | Completed the required subjects |

Second Year Summer

| | | | |
|---------------------------|--|----------|---------------------------------|
| Comprehensive Examination | | Required | Completed the required subjects |
|---------------------------|--|----------|---------------------------------|

Third Year First Semester Fifth Block

| | | | | |
|---------|------------------------|--|---|---------------------------|
| MIT 522 | Project Study / Thesis | | 4 | Comprehensive Examination |
|---------|------------------------|--|---|---------------------------|

6

SUMMARY:

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

Prepared by:

Noted:

AMIEL B. MARATA, MIT
Head, Graduate Program

NORMAN O. BLANCIA, Ed. D.
Dean