

THIRD YEAR

First Semester

ELECIT3	MOTOR THEORY AND CONTROLS	3		3	ELECIT2
ELECIT4	DIGITAL ELECTRONICS	3		3	ELECIT1,ELECIL2
ELECIL3	MOTOR THEORY AND CONTROLS		1	1	ELECIT2,ELECIL2
ELECIL4	DIGITAL ELECTRONICS-LAB		1	1	
COMTEL3	COMPUTER APPLICATIONS		2	2	ENGCOM2 & ENGCOL2
MECHAD1	ENGINEERING MECHANICS 2	2		2	MECHAN1
MATSIT1	ENGINEERING MATERIALS AND TESTING	3		3	
MATSIL1	ENGINEERING MATERIALS AND TESTING		1	1	W/MATSIT1
ENGMAT7	DIFFERENTIAL EQUATIONS	3		3	ENGMAT6
STRENT1	STRENGTH OF MATERIALS	3		3	MECHAN1, w/ MECHAD1
PRFENG1	PROFESSIONAL ENGLISH FOR ENGINEERS	3		3	ENGLSH4
TOOLDI	TOOL AND DIE	3		3	ENGMAT4,ENGPHS1
TOTAL		23	5	28	

Note: Upon completion of Third Year 1st Semester, Certificate in Motor Rewinding is granted.

Second Semester

THERMO1	THERMODYNAMICS	3		3	ENGPHS1 & ENGMAT6
SOCIOG1	SOCIETY AND CULTURE W/ FAMILY PLANNING	3		3	
MECHNC3	MACHINE SHOP THEORY AND PRACTICE 1	2		2	
MECHNL3	MACHINE SHOP THEORY AND PRACTICE 1		2	2	w/ MECHNC3
MECHNC5	MACHINE SHOP THEORY AND PRACTICE 2	2		2	
MECHNL5	MACHINE SHOP THEORY AND PRACTICE 2		2	2	w/ MECHNC5
ENGMAT9	PROBABILITY AND STATISTICS	3		3	ENGMAT8
INDTEC1	SENSORS AND MECHATRONIC SYSTEMS	3		3	ELECIT4
INDTEL1	SENSOR AND MECHANICS SYSTEM		1	1	w/ INDTEC1 & INDTEL1
INDTEC2	APPLIED CONTROL SYSTEM	3		3	ELECIT4 & ELECIL4
ELECIT5	ELECTRICAL POWER SOURCES	3		3	ELECIT3 & ELECIL3
TOTAL		22	5	27	

Note: Upon completion of Third Year 2nd Semester, Certificates in Metal Fabricator and Machinist Aide is granted.

FOURTH YEAR

First Semester

ELECIT6	POWER CONTROL AND CONVERSION	3		3	ELECIT3 & ELECIL3
ELECIL6	POWER CONTROL AND CONVERSION		1	1	w/ ELECIT3 & ELECIL3
ENGECO1	ENGINEERING ECONOMY	3		3	ENGMAT8
INDTEC3	PNEUMATICS AND INDUSTRIAL HYDRAULICS	3		3	ENGPHS1 & ENGPHL1, ENGPHS2 & ENGPHL2
INDTEL3	PNEUMATICS AND INDUSTRIAL HYDRAULICS		1	1	w/ INDTEC3
INDTEC4	KINEMATICS AND MACHINE ELEMENTS	3		3	ENGPHS1 & ENGPHL1
INDTEL4	KINEMATICS AND MACHINE ELEMENTS		1	1	w/ INDTEC4
MICRIC1	MICROPROCESSOR FOR IT	3		3	ELECIT4
MICRIL1	MICROPROCESSOR		1	1	w/ MICRIC1
MECHNC6	REFRIGERATION AND AIR CONDITIONING SYSTEM	2		2	THERMO1
MECHNL6	REFRIGERATION AND AIR CONDITIONING		1	1	w/ MECHNC6
RIZALJ1	RIZALS LIFE, WORKS AND WRITINGS	3		3	
TOTAL		20	5	25	

Note: Upon completion of Fourth Year 1st Semester, Certificates in Motor Controls, Pneumatics, and Refrigeration & Air Conditioning is granted.

Second Semester

INDTEC5	INDL PSYCHOLOGY AND ORG. MGMT.	3		3	4th year stdg.
INDTEC6	PROGRAMMABLE LOGIC CONTROL	2		2	INDTEC3 & INDTEL3,ELECIT6
INDTEL6	PROGRAMMABLE LOGIC CONTROL		1	1	INDTEC3, w/ INDTEC6
INDTEC7	INTRODUCTION TO ROBOTICS	2		2	INDTEC4 & INDTEC1
INDTEL7	INTRODUCTION TO ROBOTICS-LAB		1	1	w/ INDTEC7 & INDTEL1
INDTEC8	ENVIRONMENTAL SAFETY HEALTH	3		3	
INDTEC9	ON-THE-JOB-TRAINING OF SCHOOL	2		2	Graduating student
ELECIT7	ELECTRICAL WIRING SYSTEM (LEC)	3		3	ELECIT2
ELECIL7	ELECTRICAL WIRING SYSTEM (LAB)		1	1	w/ ELECIT7
ECONOM1	BASIC ECONOMICS WITH TLR	3		3	
TOTAL		18	3	21	

Note: 1. Upon completion of Fourth Year 2nd Semester, Certificates in Electrical House Wiring and P.L.C. (Programmable Logic Control) is granted.
2. All academic and OJT requirements should be completion prior to graduation.

Old: 204
New:205

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