



LAGOS STATE POLYTECHNIC
SCHOOL OF ENGINEERING TECHNOLOGY
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING TECHNOLOGY
NEW CURRICULUM FOR HND I (ELECTRICAL & ELECTRONICS ENGINEERING-POWER & MACHINES OPTION)
(FIRST SEMESTER)

COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	COURSE UNITS	PREREQUISITE
GNS 301	USE OF ENGLISH III	0	0	2	2	
ICT 302	COMPUTER PACKAGES	0	3	5	3	
MEC 311	ENGINEER-IN-SOCIETY	0	0	2	2	
MEC 307	THERMODYNAMICS	0	0	2	2	
MTH 311	ADVANCED ALGEBRA	1	0	3	3	
EEC 313	ELECTRICAL CIRCUIT THEORY III	1	0	3	3	
EEC 315	ELECTRICAL MATERIAL SCIENCE	0	0	2	2	
EEI 311	ELECTRICAL MEASUREMENT AND CONTROL III	0	3	5	3	
EEE 314	ANALOGUE ELECTRONICS III	0	3	5	3	
	TOTAL	2	9	29	23	



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COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	COURSE UNIT	PREREQUISITE
GNS 413	INDUSTRIAL MANAGEMENT	0	0	2	2	
EEP 327	ELECTRICAL MACHINES III	0	3	5	3	
EEP 326	ELECTRICAL POWER SYSTEM III	0	3	5	3	
EEE 325	DIGITAL COMMUNICATION I	1	3	5	3	
EEC 325	ELECTRICAL CIRCUIT THEORY IV	1	0	3	3	EEC 313
EEC 324	TESTING METHOD AND RELIABILITY	0	0	2	2	
MTH 312	ADVANCED CALCULUS	1	0	3	3	
ICT 321	DATA COMMUNICATION & NETWORKING	0	3	4	2	
EEP 328	ELECTRICAL DESIGN & DRAFTING I	0	3	4	2	
GNS 302	COMMUNICATION IN ENGLISH I	0	0	2	2	
CCE 300	COMPULSORY COMPUTER EDUCATION (LOCAL)	0	2	2	0	
	TOTAL	3	17	37	25	



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COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	CREDIT UNIT	PREREQUISITE
EEC 431	ELECTROMAGNETIC FIELD THEORY	0	0	2	2	
EEC 433	CONTROL ENGINEERING SYSTEMS	0	3	5	3	
EEC 437	PROJECT I	0	3	4	2	
EEI 431	ELECTRICAL MEASUREMENT & CONTROL IV	0	2	3	2	
EEP 438	ELECTRICAL DESIGN DRAFTING II	0	3	4	2	
EEP 434	COMPUTER TECHNOLOGY	0	3	4	2	
EEP 436	ELECTRICAL POWER SYSTEM IV	0	3	5	3	
EEP 439	ELECTRICAL MACHINES IV	0	3	5	3	
MTH 316	NUMERICAL METHODS	0	1	2	2	
EED 413	ENTREPRENEURSHIP DEVELOPMENT (LOCAL)	0	2	4	3	
	TOTAL	0	23	38	24	



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COURSE CODE	COURSE TITLE	THEORY HOUR	PRACTICAL HOUR	CONTACT HOUR	CREDIT UNIT	PREREQUISITE
EEC 447	PROJECT II	0	4	6	4	
EEP 408	INTRODUCTION TO HIGH VOLTAGE	0	3	4	2	
EEP 447	ELECTRICAL MACHINES V	0	3	5	3	EEP 439
MTH 310	STATISTICAL METHODS IN ENGINEERING	1	0	3	3	
ICT 301	INTRODUCTION TO PROGRAMMING (C++)	0	3	4	2	
EEP 446	ELECTRICAL POWER SYSTEM V	0	3	5	3	EEP 436
EEP 444	ELECTRICAL MAINTENANCE & REPAIRS	0	3	4	2	
CCE 400	COMPULSORY COMPUTER EDUCATION IV (LOCAL)	0	2	2	0	
	TOTAL	1	21	33	19	