



Ibri College of Technology
Electrical Engineering

Certificate Year
Semester 1

Course Code	Subject	Credit Hours
ENTW 1100	Technical Writing I	3
MATH 1100	College Algebra	3
ITSE 1100	Information Systems and Multimedia	3
CECE 1100	Engineering Graphics	3
CHEM 1101	Fundamental of Chemistry	3
		15

Semester 2

Course Code	Subject	Credit Hours
ENTW 1200	Technical Writing II	3
MATH 1200	Calculus I	3
PHYS 1200	Physics I	3
EEPW 1206	Engineering Workshop	3
EECP 1207	Computer Programming for Engineering	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
ENGL 1208	Physics II	3
BAEC 1204	Job Search Techniques	3
		6

Enhancement/ Practical Training
6- 12 weeks

Diploma Year Semester 1

Course Code	Subject	Credit Hours
MATH 2100	Calculus II	3
EEPW 2150	Electrical Principle	3
PHIL 2200	Formal Logic	3
ENGL 2100	Technical Communication	3
EETE 2102	Electronics I	3
		15

Semester 2

Course Code	Subject	Credit Hours
EEPW 2252	Electrical Power Systems	3
EEPW 2251	Electrical Power Technology	3
EEPW 2241	Electrical Skills	3
EECP 2270	Digital Electronics	3
PHIL 2108	Business Ethics	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
EEPW 2399	Diploma Project	3
EEPW 2320	Instrumentation and Measurement Techniques	3
		6

**On-Job- Training
8 weeks**

**Enhancement/ Practical Training
6- 12 weeks**

Higher Diploma Year Semester 1

Course Code	Subject	Credit Hours
MATH 3120	Engineering Mathematics	3
EETE 3102	Electronics II	3
EEPW 3150	Total Quality Management	3
EEPW 3142	Electrical Insulation and Wiring Design	3
PHIL 3200	Formal Arabic Communication	3
		15

Semester 2

Course Code	Subject	Credit Hours
EEPW 3252	Power System Analysis	3
EEPW 3257	Power Electronics	3
EEPW 3200	Specialization Elective (Control Systems)	3
ENGL 3100	Public Speaking	3
EEPW 3258	Machine and Drives	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
BAFI 3301	Energy Conversion Systems	3
BAAC 3206	Higher Diploma Project	3
		6

**On-Job- Training
8 weeks**

**Enhancement/ Practical Training
6- 12 weeks**

Bachelor Year

Semester 1

Course Code	Subject	Credit Hours
MATH 4130	Probability and Statistics	3
EECP 4192	Software and Engineering and High Level Programming	3
EEPW 4153	Transient Stability of Power System	3
EEPW 4180	Numerical Method in Power System (Specialization Elective)	3
PHIL 4100	Oman Civilization	3
		15

Semester 2

Course Code	Subject	Credit Hours
EEPW 4259	High Voltage Engineering	3
EEPW 4254	Switchgear and Protection	3
EEPW 3171	Microprocessor Systems and Interfacing	3
ENGL 4256	Power Stations	3
EEPW 4299	B. Tech. Project I	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
BAFI 3301	Power Systems Operation and Reliability	3
BAAC 3206	B. Tech. Project II	3
		6

On-Job- Training
8 weeks

Enhancement/ Practical Training
6- 12 weeks