



Ibri College of Technology
Air condition and Refrigeration

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
MIAC 2110	Air Flow Dynamics	3
MIAC 2120	AC & Refrigeration Servicing I	3
MIAC 2130	Refrigeration & Air Conditioning Fundamentals	3
ENGL 2100	Technical Communication	3
MIME 2140	Thermodynamics I	3
		15

Semester 2

Course Code	Subject	Credit Hours
MIAC 2230	Air conditioning & Refrigeration electrical systems	3
MIAC 2240	Air conditioning & Refrigeration Controls	3
MIAC 2250	Diploma Project	3
MIAC 2260	Air conditioning & Refrigeration Equipment	3
MIAC 2260	Air conditioning & Refrigeration Servicing II	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
MIOG 2350	Diploma Project	3
PHIL 2108	Business Ethics	3
		9

On-Job- Training
8 weeks

Enhancement/ Practical Training
6- 12 weeks