



Ibri College of Technology
Mechanical 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
MIME 2101	Applied Mechanics I	3
MIME 2120	Engineering Materials	3
ENGL 2100	Electrical Technology	3
ENGL 2100	Technical Communication	3
MIME 2130	Manufacturing Process	3
		15

Semester 2

Course Code	Subject	Credit Hours
MIME 2220	Machine Drawing	3
MIME 2230	Workshop Technology	3
MIME 2210	Engineering Instrumentation & Industrial Control	3
MIME 2240	Fluid Mechanics I	3
PHIL 2200	Formal Logic	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
MIME 2350	Diploma Project	3
PHIL 2108	Business Ethics	3
		6

On-Job- Training
8 weeks

Enhancement/ Practical Training
6- 12 weeks

Higher Diploma Year Semester 1

Course Code	Subject	Credit Hours
MATH 2100	Calculus II	3
MIME 3101	Applied Mechanics II	3
MIME 3110	Thermodynamic I	3
MIME 3140	Fluid Mechanics II	3
MIME 3130	Mechanics of Materials	3
		15

Semester 2

Course Code	Subject	Credit Hours
MIME 3220	Mechanics of Machines I	3
MIME 3221	Engineering Design I	3
PHIL 3200	Formal Arabic Communication	3
MIME 3240	Manufacturing Operation Management	3
MATH 3120	Engineering Mathematics	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
MIME 3350	Higher Diploma Project	3
ENGL 3100	Public Speaking	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
MIME 4120	Thermodynamics II	3
MIME 4142	Industrial Management	3
MIME 4123	Mechanical of Machines II	3
XXXX	College Elective	3
		15

Semester 2

Course Code	Subject	Credit Hours
MIME 4210	Control Engineering	3
MIME 4220	Switchgear and Protection	3
MIME 4251	Microprocessor Systems and Interfacing	3
MIME 4212	Power Stations	3
MIME 4222	B. Tech. Project I	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
PHIL 4100	Oman Civilization	3
MIME 4351	B. Tech. Project II	3
		6

**On-Job- Training
8 weeks**

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