

Diploma		
Subject	Credit Hours	Percent
		(%)
Humanities	15	20%
Math & Science	11	15%
ICT/programming	8	11%
Engineering	35	47%
OCT/OJT	6	8%
Total	75	100.0%

Advanced / Higher Diploma		
Subject	Credit Hours	<i>Percent</i>
		(%)
Humanities	18	16%
Math & Science	20	18%
ICT/programming	14	13%
Engineering	46	42%
OCT/OJT	12	11%
Total	110	100.0%

Applied Bachelor		
Subject	Credit Hours	<i>Percent</i>
		(%)
Humanities	21	15%
Math & Science	20	14%
ICT/programming	17	12%
Engineering	66	46%
OCT/OJT	18	13%
Total	142	100.0%

	CR
Diploma	75
Higher Diploma	110
Applied Bachelor	142

	CR
Diploma	75
Higher Diploma	110
Applied Bachelor	142

	CR
Diploma	75
Higher Diploma	110
Applied Bachelor	142

	CR
Diploma	75
Higher Diploma	110
Applied Bachelor	142

Specialization Electives I, II, III and IV							
Mechanical, Manufacturing, Electrical and Intelligent Systems							
EMME-2101	Materials Science	2	2	0	4	3	Mechanical, Mechanical (Minor AI), Manufacturing - Elective I
EMEE-2101	Digital Logic Design	2	2	0	4	3	Intelligent Systems, Electrical, Electrical (Minor AI) - Elective I
EMME-2102	Fluid Mechanics	2	2	0	4	3	Mechanical, Mechanical (Minor AI) - Elective II
ENG2013	Fluid Flow & Heat Transfer	2	2	0	4	3	Intelligent Systems, Manufacturing - Elective II
EMEE-2102	Electrical Circuit II	2	2	0	4	3	Electrical, Electrical (Minor AI) - Elective II
EMMF-2201	Manufacturing Processes	2	2	0	4	3	Mechanical, Mechanical (Minor AI), Manufacturing - Elective III
EMEE-2205	Electronic Devices I	2	2	0	4	3	Intelligent Systems, Electrical, Electrical (Minor AI) - Elective III
EMME-2201	Engineering Thermodynamics	2	2	0	4	3	Mechanical, Mechanical (Minor AI), Manufacturing - Elective IV
EMIS-2206	Data structure and algorithms	2	2	0	4	3	Intelligent Systems - Elective IV
EMEE-2207	Introduction to Power Systems	2	2	0	4	3	Electrical, Electrical (Minor AI) - Elective IV
Technical Electives I							
No.	Course	L	B	P	CH	CR	
EMMF-4205	Fixture & Tool Design	2	2	0	4	3	
EMMF-4206	Process Tolerance Design and Analysis	2	2	0	4	3	
EMMF-4207	Manufacture and Assembly Design	2	2	0	4	3	
EMIS-4103	Applied Robotics Systems	2	2	0	4	3	