



COLLEGE OF INDUSTRIAL TECHNOLOGY
Bachelor of Industrial Technology
Electronics Technology
Academic Year 2019-2020
Reference: CMO No. 20 S. 2013

Name: Aila Mei Atienza
Student Number: 18-00009

Final Grade	Course Code	Course Title	Unit/s	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		

FIRST YEAR
First Semester

1.25	AST 111	Math for Technology	3	3	-	-	AST 110
2.50	AST 102	Applied Chemistry	3	2	3	-	-
1.50	AST 105	Applied Physics	3	2	3	-	-
2.25	AST 133	Production Drawing	2	1	3	-	AST 135
1.50	AST 129	Electronics Measurements	2	1	3	-	-
1.50	AST 112	Electrical Principles	3	2	3	-	-
2.00	PM 101	Occupational Health and Safety Management	2	2	-	-	-
1.50	ELX 111	Introduction to Semiconductor Devices	3	2	3	-	ELX 121,ELX 122
1.75	NSTP 111	National Service Training Program 1	3	3	-	-	NSTP 121
1.50	PE 101	Physical Fitness, Gymnastics and Aerobics	2	2	-	-	PE 102,PE 103,PE 104
TOTAL			26	20	18		

FIRST YEAR
Second Semester

2.50	GEd 101	Understanding the Self	3	3	-	-	-
2.25	GEd 102	Mathematics in the Modern World	3	3	-	-	AST 110
2.00	GEd 106	Purposive Communication	3	3	-	-	-
1.50	GEd 109	Science, Technology and Society	3	3	-	-	-
1.50	AST 135	Computer Aided Design	2	1	3	AST 133	-
2.25	ELX 121	Electronic Amplifiers and Integrated Circuits	3	2	3	ELX 111	ELX 211,ELX 212
2.00	ELX 122	Digital Logic Circuits and Switching	3	2	3	ELX 111	AST 120,ELX 211
1.75	NSTP 121	National Service Training Program 2	3	3	-	NSTP 111	-
1.25	PE 102	Rhythmic Activities	2	2	-	PE 101	-
TOTAL			25	22	9		

SECOND YEAR
First Semester

2.00	GEd 103	The Life and Works of Rizal	3	3	-	-	-
1.00	GEd 104	The Contemporary World	3	3	-	-	-
1.50	Fili 101	Kontekstwalisadong Komunikasyon sa Filipino	3	3	-	-	-
1.25	PM 102	Industrial Operation & Management Practices	3	3	-	-	-
1.75	AST 134	Computer Programming	3	2	3	-	-
5.00	AST 120	Programmable Logic Control	3	2	3	ELX 122	-
2.00	ELX 211	Electronics Workshop I	3	2	3	ELX 122, ELX 121	ELX 224
1.75	ELX 212	Industrial Electronics	3	2	3	ELX 121	ELX 221,ELX 222,ELX 223
1.50	PE 103	Individual and Dual Sports	2	2	-	PE 101	-
TOTAL			26	22	12		

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SECOND YEAR							
Second Semester							
	Fili 102	Filipino sa Iba't-ibang Disiplina	3	3	-	-	-
	GEd 107	Ethics	3	3	-	-	-
	PM 103	Production and Operations Management	3	3	-	-	-
	AST 110	Data Analytics	3	3	-	GEd 102, AST 111	-
	ELX 221	Analog Communication Systems	3	2	3	ELX 212	PM 104,PM 105,ELX 311,ELX 312
	ELX 222	Microcomputer Systems	3	2	3	ELX 212	PM 104,PM 105
	ELX 223	Automatic Controls	3	2	3	ELX 212	PM 104,PM 105
	ELX 224	Electronics Workshop II	3	2	3	ELX 211	PM 104,PM 105
	PE 104	Team Sports	2	2	-	PE 101	-
	TOTAL		26	22	12		
THIRD YEAR							
First Semester							
	Litr 102	ASEAN Literature	3	3	-	-	-
	GEd 105	Readings in Philippine History	3	3	-	-	-
	PM 104	Technology Research I	3	3	-	ELX 221, ELX 222, ELX 223, ELX 224	-
	PM 105	Materials Technology Management	3	3	-	ELX 221, ELX 222, ELX 223, ELX 224	-
	PM 106	Professional Ethics	3	3	-	-	-
	ELX 311	Wireless and Satellite Communication Systems	3	2	3	ELX 221	ELX 321
	ELX 312	Plant Safety Network	3	2	3	ELX 221	ELX 321
	TOTAL		21	19	6		
THIRD YEAR							
Second Semester							
	GEd 108	Art Appreciation	3	3	-	-	-
	PM 107	Technology Research II	3	3	-	Regular 3rd Year	-
	PM 108	Manufacturing Technology	3	3	-	-	-
	PM 109	Total Quality Management	3	3	-	-	-
	PM 110	Environmental Technology	3	3	-	-	-
	PM 111	Technopreneurship	3	3	-	-	-
	ELX 321	Totally Integrated Automatic	3	2	3	ELX 311, ELX 312	OJT 1
	TOTAL		21	20	3		
FOURTH YEAR							
First Semester							
	OJT 1	Supervised Industrial Training 1 (540hrs)	10	-	10	ELX 321	OJT 2
	TOTAL		10	-	10		
FOURTH YEAR							
Second Semester							
	OJT 2	Supervised Industrial Training 2 (540hrs)	10	-	10	OJT 1	-
	TOTAL		10	-	10		