



Republic of the Philippines
SULTAN KUDARAT STATE UNIVERSITY
 College of Engineering, Information Technology and Industrial Technology
 Isulan Campus, Isulan Sultan Kudarat
BACHELOR of SCIENCE in INDUSTRIAL TECHNOLOGY
MAJOR IN Electronics Technology
 Based on CMO 56, S. 2007 and CMO 79, s. 2017
 Effective S.Y 2018-2019



FIRST YEAR

First Semester						
Course Code.	Course Title	Lc	Lb	CU	Preq.	
IT 111	Occupational Health & Safety	1	0	1	None	
ELX 112	Basic Electronics	3	6	5	None	
GE 708	Understanding the Self	3	0	3	None	
ID 111	Industrial Drawing (Technical Drawing)	2	1	3	None	
GE 713	Kontekstwalisadong Komunikasyon sa Filipino (KOMFIL)	3	0	3	None	
GE 701	Mathematics in the Modern World	3	0	3	None	
GE 705	The Contemporary World	3	0	3	None	
PE 101	Physical Fitness and Self -testing Activities	2	0	2	None	
NSTP 101	National Service Training Program 1	3	0	{3}	None	
	TOTAL		7	23	Units	

Second Semester						
Course Code.	Course Title	Lc	Lb	CU	Preq.	
ELX 121	Electronically Controlled Domestic Appliances Repair and Maintenance	3	6	5	ELX 112	
ELX 122	Semi-Conductor Devices	2	3	3	ELX 112	
GE 702	Purposive Communication	3	0	3	None	
GE 714	Sosyedad at Literatura/ Panitikang Panlipunan (SOSLIT)	3	0	3	GE 713	
GE ELEC 725	Indigenous Creative Crafts	3	0	3	None	
ID 112	Industrial Drawing (w/ CAD 2D)	2	1	3	ID 111	
PE 102	Rhythmic Activities	2	0	2	PE 101	
NSTP 102	National Services Training Program 2	3	0	{3}	NSTP 101	
	TOTAL		10	22	Units	

SECOND YEAR

First Semester						
Course Code.	Course Title	Lc	Lb	CU	Preq.	
ELX 211	Audio System Repair and Maintenance	3	6	5	ELX 112	
ELX 212	Industrial Electronics	2	3	3	ELX 112	
ELX 213	Programmable Logic Controller	2	3	3	ELX 112	
GE 707	Readings in Philippine History	3	0	3	None	
GE 711	Cultures of Mindanao	3	0	3	GE 702	
MATH 009	Industrial Mathematics	3	0	3	GE 701	
IT 212	Industrial Psychology	3	0	3	GE 708	
PE 103	Team Sports	2	0	2	PE 101	
	TOTAL		12	25	Units	

Second Semester						
Course Code.	Course Title	Lc	Lb	CU	Preq.	
ELX 221	Video System Installation Repair & Maintenance	3	6	5	ELX 121	
ELX 222	Instrumentation Process Control	2	3	3	ELX 212	
ELX 223	CCTV Installation & Repair	2	3	3	ELX 213	
Acctg 111	Financial Accounting and Reporting	3	0	3	None	
GE 709	The Life and Works of Jose Rizal	3	0	3	None	
IT 221	Intellectual Property Rights	3	0	3	None	
IT 222	Product Packaging and Labelling	3	0	3	ID 111	
PE 104	Recreational Activities	2	0	2	PE 101	
	TOTAL		12	25	Units	

THIRD YEAR

THIRD YEAR

First Semester						
Course Code.	Course Title	Lc	Lb	CU	Preq.	
ELX 311	Digital Electronics	3	6	5	ELX 221	
ELX 312	Pneumatic & Hydraulic System	2	3	3	ELX 222	
ELX 313	Micro Electronics	2	3	3	ELX 222	
GE 706	Art Appreciation	3	0	3	None	
GE 704	Science, Technology and Society	3	0	3	None	
Stat 003	Statistics with Computer Application	3	0	3	GE 701	
GE 715	Filipino at Iba't ibang Disiplina (FILDIS)	3	0	3	None	
HTPC 1	Foreign Language 1	3	0	3	None	
	TOTAL		12	26	Units	

Second Semester						
Course Code.	Course Title	Lc	Lb	CU	Preq.	
ELX 321	Instrumentation Troubleshooting & Maintenance	3	6	5	ELX 222	
ELX 322	Industrial Robotics	2	3	3	ELX 312	
TR 1	Technology Research 1 (Thesis Writing)	3	0	3	None	
IT 321	Manufacturing Tech and Environmental Sustainability	3	0	3	None	
IT 322	International Business	3	0	3	None	
IT 323	Production Mgt. Quality Control	3	0	3	None	
HTPC 2	Foreign Language 2	3	0	3	HTPC 1	
	TOTAL		9	23	Units	

FOURTH YEAR

First Semester						
Course Code.	Course Title	Lc	Lb	CU	Preq.	
TR 2	Technology Research 2 (Special Project)	3	0	3	All Major	
IT 411	Human Resource Mgt.	3	0	3	GE 708	
IT 412	Labor Code and Industry Practices	3	0	3	None	
GE 703	Ethics	3	0	3	None	
IT 413	Entrepreneurship & Business Mgt	3	0	3	Acctng 111	
IT 414	Technology for Business Presentation	3	0	3	ID 112	
IT 415	Prin. Of Training & Industrial Layout	3	0	3	IT 321	
	TOTAL			21	Units	

Second Semester					
Course Code.	Course Title	Lc	Lb	CU	Preq.
IIM 411	Industrial Immersion (720 Hrs.)		30	12	All Course
	Total		30	12	Units

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Summary of the BSIT-Electronics Curriculum

General Education	39
Professional Education	42
Madated Courses	3
Institutional Courses	6
Physical Education	8
NSTP	6
Specialization	70
Total Number of Units:	174