



College of Social Development and Technology
Prospectus for Bachelor of Science in Electronics Technology
Effective 2019

Name: _____ ID No. _____ Year: _____

FIRST YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	IS 104	Advanced Grammar in English	3		3	
	GE 108	Understanding the Self	3		3	
	GE 101	Art Appreciation	3		3	
	Drwg 111	Fundamentals of Drawing	1	3	2	
	Tech 111	Industrial Safety	3		3	
	Tech 112	Applied Mathematics for Technology 1	3		3	
	Tech 113	PC Applications	3		3	
	NSTP 11	CWTS/ROTC/LTS	3		3	
	PE 101	PATH-FIT 1 (Movement Enhancement)	2		2	
		TOTAL CREDITS			25	

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	GE 106	Purposive Communication	3		3	
	GE 104	Readings in Philippine History	3		3	
	Drwg 121	Computer Aided Drawing (CAD)	1	3	2	Drwg 111
	Tech 121	Applied Mathematics for Technology 2	3		3	Tech 112
	Tech 122	Basic Electronics I DC	2	3	3	
	Tech 123	Basic Pneumatic/Hydraulic System	2	3	3	Tech 113
	NSTP 12	CWTS/ROTC/LTS	3		3	NSTP 11
	PE 102	PATH-FIT 2 (Fitness Exercise)	2		2	PE 101
		TOTAL CREDITS			22	

*There are 3 options under NSTP: Literacy Training Service, Civic Welfare Training Service & Reserve Officer Training Command

SECOND YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	IS 101	Bukidnon Cultural Studies	3		3	
	GE 107	Science, Technology and Society	3		3	
	IS 102	Wika at Kultura sa Mapayapang Lipunan	3		3	
	ETech211	Basic Electronics II AC	2	3	3	Tech 122
	Etech212	Basic Computer Programming	2	3	3	Tech 113
	ETech213	Circuits Theory and Simulations	2	3	3	Tech 122
	PE 103	PATH-FIT 3 (Regional, National and International Dances)	2		2	
	GE EL 103	Living in the IT Era	3		3	
		TOTAL CREDITS			23	

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	GE 103	The Contemporary World	3		3	
	GE 105	Mathematics in the Modern World	3		3	
	GE 102	Ethics	3		3	
	ETech221	Electronic Devices and Circuits	2	3	3	ETech 211/213
	ETech222	Digital Electronics 1	2	3	3	ETech 211/212
	ETech223	Electronics Communication 1	2	3	3	ETech 211
	PE 104	PATH-FIT 4 (Games, Sports, Outdoor & Adventure Activities)	2		2	
	GE EL 102	Gender and Society	3		3	
		TOTAL CREDITS			23	

THIRD YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	IS 105	Technical Writing	3		3	
	Tech311	ECE laws	3		3	
	Tech312	Labor Laws and Human Right Laws	3		3	
	ETech311	Analog Devices	2	3	3	Etech 222
	Etech312	Digital Electronics II	2	3	3	Etech 222
	ETech313	Electronics Communication 2	2	3	3	Etech 223
	Etech314	Environmental Engineering	3		3	
		TOTAL CREDITS			21	

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	IS 103	Innovative Leadership in Education	3		3	
	IS 106	ASEAN Studies	3		3	
	GE EL 104	Indigenous Creative Crafts	3		3	
	ETech321	Computer Hardware and troubleshooting	2	3	3	Etech 311
	ETech322	Technical Research Writing	3		3	IS 104
	ETech323	Testing and Diagnostic Servicing	2	3	3	Etech 312/313
		TOTAL CREDITS			18	

FOURTH YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	ETech411	OJT			6	All Tech and Etech Subjects

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	GE 109	The Life and Works of Rizal	3		3	
	Tech421	Industrial Management	3		3	
	Tech422	Professional Ethics & Code of Conduct	3		3	GE 102
	Tech423	Technical Research and Project Development	3		3	ETech 322
	Tech424	Technical Elective	2	3	3	
		TOTAL CREDITS			15	



BUKIDNON STATE UNIVERSITY

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General Education Subjects (27 units)

- GE 101 Art Appreciation
- GE 102 Ethics
- GE 103 The Contemporary World
- GE 104 Reading in Philippine History
- GE 105 Mathematics in the Modern World
- GE 106 Purposive Communication
- GE 107 Science, Technology, and Society
- GE 108 Understanding the Self
- GE 109 The Life and Works of Rizal

GE Electives (9 units)

- GE EL 102 Gender and Society
- GE EL 103 Living in the IT Era
- GE EL 104 Indigenous Creative Crafts

Institutional Subjects (18 units)

- IS 101 Bukidnon Cultural Studies
- IS 102 Wika at Kultura sa Mapayapang Lipunan
- IS 103 Innovative Leadership in Education
- IS 104 Advanced Grammar in English
- IS 105 Technical Writing
- IS 106 ASEAN Studies

ET Specialization(33 units)

- ETech211 Basic Electronics II AC with lab
- ETech212 Basic Computer Programming
- ETech213 Circuit Theory and Simulations
- Etech221 Electronic Devices and Circuits
- ETech222 Digital Electronics 1
- ETech223 Electronics Communication 1
- ETech311 Analog Devices
- Etech312 Digital Electronics 2
- ETech313 Electronics Communications 2
- ETech321 Computer Hardware and troubleshooting
- ETech323 Testing and Diagnostic Servicing

ET Tool Courses (22 units)

- Drwg 111 Fundamentals of Drawing
- Drwg 121 Computer Aided Drawing (CAD)
- Tech 111 Industrial Safety
- Tech 112 Applied Math for Technology 1
- Tech 113 PC Application
- Tech 121 Applied Math for Technology 2
- Tech 122 Basic Electronics DC
- Tech 123 Basic Pneumatic/Hydraulic System

ET Practicum (6 Units)

- ETech411 OJT

ET Professional Courses (15 Units)

- Tech311 ECE laws
- Tech312 Labor Laws and Human Rights Laws
- Tech421 Industrial Management
- Tech422 Professional Ethics & Code of Conduct
- Etech314 Environmental Engineering

NSTP (6 units)

- NSTP CWTS/LTS/ROTC 11
- NSTP CWTS/LTS/ROTC 12

ET Elective(3 Units)

- Tech424 Technical Elective

ET Special Project (6 Units)

- ETech322 Technical Research Writing
- Tech423 Technical Research and Project Development

P.E. (8 units)

- PE 101 PATH-FIT 1 (Mov'.t Enhancement)
- PE 102 PATH-FIT 2 (Fitness Exercises)
- PE 103 PATH-FIT 3 (Reg'l, Nat'l & Int'l Dances)
- PE 104 PATH-FIT 4 (Games, Sports, Outdoor & Adventure Activities)

Summary	
Gen. Ed. Subjects	27
GE Elective Subjects	9
Institutional Subjects	18
ET Specialization	33
ET Tool Courses	22
Practicum	6
ET Professional Courses	15
ET Elective	3
Special Project	6
PE	8
NSTP	6
TOTAL	153