



SURIGAO STATE COLLEGE OF TECHNOLOGY

Surigao City Campus

Bachelor of Science in Electronics Engineering (BSECE)

(As of April 2018)

SUBJECT/COURSE TITLE	Call #	TITLE	AUTHOR	EDITION	PUBLICATI ON DATE	TITLES	VOLUMES	eBOOKS
ELECTRONICS 1	<i>for processing</i>	Electronics for Dummies			2015	1	1	
	621.3	Basic Electrical and Electronics Engineering	3G Learning		2014	1	2	
	621. 381 5	Electronic Devices & Circuits	3G Learning		2014	1	2	
	<i>for processing</i>	Electronic Devices & Circuits- II	Godse		2014	1	1	
	621.381	Electronics Principles and Applications	Schuler		2013	1	3	
	CIR 621.381 G549 2013	Electronic Devices & Circuits- I	Godse		2013	1	1	
	621.381	Electronics an Introduction	Gates	6th ed.	2012	1	4	
	CIR 621.381 Sh233 2012	A textbook of electronics engineering	Sharma, Sanjay		2012	1	1	
	<i>for processing</i>	Electronic Devices & Circuits	Singh		2009	1	1	
	TOTAL					9	16	
VECTOR ANALYSIS	621.3	ENGINEERING ELECTROMAGNETICS	W. H. HAYT JR.		2007	1	1	
	TOTAL					1	1	
ELECTRONICS 2	<i>for processing</i>	Electronics for Dummies			2015	1	1	
	621. 381 5	Electronic Devices & Circuits	3G Learning		2014	1	2	
	CIR 621.381 G549 2014	Electronic Devices & Circuits- II	Godse & Bakshi		2014	1	1	
	621.381	Electronics Principles and Applications	Schuler		2013	1	3	
	CIR 621.381 G549 2013	Electronic Devices & Circuits- I	Godse		2013	1	1	
	621.381	Electronics an Introduction	Gates	6th ed.	2012	1	4	
	<i>for processing</i>	Electronic Devices & Circuits	Singh		2009	1	1	
	TOTAL					7	13	
ELECTRONICS CADD	620.004 202 85	AUTOCAD 2013 3D MODELING W/ DVD	Hamad		2013	1	1	
	620.004 202 85	AUTOCAD Tutor for Engineering Graphics 2013 and beyond	Kevin Lang		2012	1	1	
	TOTAL					2	2	

Visualization, Modeling & Graphics for Engineering De Sorby

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ELECTRONICS 3	for processing	Electronics for Dummies			2015	1	1	
	621. 381 5	Electronic Devices & Circuits	3G Learning		2014	1	2	
	for processing	Electronic Devices & Circuits- II	Godse		2014	1	1	
	621.381	Electronics Principles and Applications	Schuler		2013	1	3	
	CIR 621.381 G549 2012	Electronic Devices & Circuits- I	Godse		2013	1	1	
	621.381	Electronics an Introduction 6/e	Gates	6th ed.	2012	1	4	
	for processing	Electronic Devices & Circuits	Singh		2009	1	1	
	TOTAL					7	5	
LOGIC CIRCUITS AND SWITCHING THEORY	621.381 537	Routing & Switching Essentials lab manual	CISCO		2014	1	1	
	621.395	Digital Circuit and Logic Design w/DVD	3G Learning		2014	1	2	
	for processing	Digital Electronics	Tyagi Piyoogh		2013	1	1	
	for processing	Digital Logic Design	Guy Even		2012	1	1	
	for processing	Fast Algorithms for Signal	Blahut, Richard		2010	1	1	
	TOTAL					5	6	
PRINCIPLES OF COMMUNICATIONS	CIR 621.382 Sh233 2015	Communication Systems (Analog and Digital)	Sharma		2015	1	1	
	TOTAL					1	1	
Signals Spectra Signals Processing	621. 382 2	Digital Signal Processing w/ DVD	3G Learning		2014	1	1	
	621. 382 2	Understanding Digital Signal Processing	Lyons		2011	1	1	
	TOTAL					2	2	
super pages		Signal processing and Integrated Circuits	Baher		2012	7,650.00		
ECE Elective 1	ncb	Microelectronic Circuits	Rashid		2017	1	1	
	fastbooks	Micro and nano Electronics	Tomas		2015	1	1	
	Super Pages	RF Circuit Design Techniques for MF - UHF Applications	Eroglu		2013	1	1	
	Super Pages	Recent Advances in VLSI Design	Limestone		2015	1	1	
	TOTAL					4	4	
Advanced Logic Circuit	621.381	Digital Circuit and Logic Design w/DVD	3G Learning		2014	1	1	
	621. 381 5	Electronic Devices & Circuits	3G Learning		2014	1	2	
	621.319	Applied Circuit Analysis	Sadiku		2013	1	1	
	621.319	Circuits	Carlson		2000	1	2	
	TOTAL					4	6	

INDUSTRIAL ELECTRONICS

Feedback and Control Systems

Digital Communications	621.382	Digital Analog Communication w/DVD	3G Learning		2014	1	1	
	fastbooks	Introduction to Digital Mobile Communication	Akaiwa		2015	1	1	
	fastbooks	Digital Electronics 2	Nojountche		2016	1	1	
	cd books	Digital Communications	Sarr		2015	1	1	
	CIR 621.381 G959	Digital circuit system using VHDL	Gupta & Chaudhary	4th ed.	2013	1	1	
	TOTAL					5	5	
ECE Elective 2 (Embedded Systems)								
	fastbooks	Semiconductor Process Reliability in Practice	Gan		2013	1	1	
	fastbooks	Charge Pump IC Design	Dan		2015	1	1	
	fastbooks	Design of Analog CMOS Integrated Circuits	Razavi		2017	1	1	
	cd books	PV System Servicing: Advanced	3G Learning		2016	1	1	
	cd books	Solar Photovoltaic Basics	White		2015	1	1	
	TOTAL					5	5	
Instrumentations and Control	621.374	Electronics & Electrical Measurements and Instrumentations	3G Learning		2014	1	2	
	CIR 629.8315 B179 2014	Principles of control systems : a conceptual approach	Bakshi, Eday		2014	1	1	
	CIR 681.2 P886 2012	Electronic measurements and instrumentation	Prasad, Rajendra		2012	1	1	
	TOTAL					3	4	
Transmissions Media and Antenna System	621. 382 2	Understanding Digital Signal Processing	Lyons		2011	1	1	
	Super Pages	Electrical Installation Maintenance: Expert	3G Learning		2016	1	1	
	TOTAL					2	2	

Modern Communication Systems

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ECE Elective 3 (Robotics)	629.892	Robotics and Automation Handbook	Thomas Kurfess		2013	1	1	
	629.892	Introduction to Robotics: Analysis, Control, Applications	Niku	2nd ed.	2011	1	1	
	ncb	Algorithms for VLSI Design Automation	3G Learning		2017	1	1	
		TOTAL				3	3	

ECE PROJECT STUDY

BROADCAST ENGINEERING AND ACCOUSTICS	CIR 302.23072 W716	Mass media research : an introduction	Wimmer & Dominick	10th ed.	2014	1	1	
		TOTAL				1	1	

DATA COMMUNICATIONS	fastbooks	Handbook of Fiber Optic Data Communications	Decosatis		2014	1	1	
		TOTAL				1	1	

ECE Laws Code Ethics, etc.	620.86	Handbook of Industrial System Safety Engineering and Risk Assessment	Gaumer		2012	1	1	
		TOTAL				1	1	
ECE Elective 4								
	cd books	Analog Circuit Design	3G Learning		2015	1	1	
	cd books	VLSI Circuits for Emerging Applications	Tomas		2015	1	1	
		TOTAL				2	2	

Prepared by: 
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SUMMARY OF LIBRARY HOLDINGS FOR BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING (BSECE)

(As of April 2018)

SUBJECT	NUMBER OF TITLES	NUMBER OF VOLUMES
ELECTRONICS 1	9	16
VECTOR ANALYSIS	1	1
ELECTRONICS 2	7	13
ELECTRONICS CADD	2	2
ELECTRONICS 3	7	5
LOGIC CIRCUITS AND SWITCHING THEORY	5	6
PRINCIPLES OF COMMUNICATIONS	1	1
Signals Spectra Signals Processing	2	2
ECE Elective 1	4	4
Advanced Logic Circuit	4	6
Digital Communications	5	5
ECE Elective 2 (Embedded Systems)	5	5
Instrumentations and Control	3	4
Transmissions Media and Antenna System	2	2
ECE Elective 3 (Robotics)	3	3
BROADCAST ENGINEERING AND ACCOUSTICS	1	1
DATA COMMUNICATIONS	1	1
ECE Laws Code Ethics, etc.	1	1
ECE Elective 4	2	2
TOTAL	65	80

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