



"For Nation's Greater Heights"

Republic of the Philippines  
**SURIGAO STATE COLLEGE OF TECHNOLOGY**  
 Narciso Street, Surigao City



CERTIFICATE NUMBER: AJA19-0225

## LIST OF BOOKS FOR BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING TECHNOLOGY

*As of April 2021*

COURSE TITLE	CALL #	TITLE	AUTHOR	PUBLICATION DATE	TITLES	VOLUMES	e-BOOKS
<b>EET 111 - Introductuin to BET (Electrical Engineering Technology)</b>	620	Basic Electrical Engineering	J.P. Gupta	2019	1	1	
	620	Basic Electrical and Electronics Engineering	3G E-Learning	2017	1	1	
	620	Basic Electrical Installation	Linsley	2019	1	1	
	620	Elements of Electrical and Electronics Engineering	T. Singh	2017	1	1	
	620	Core Concepts in Engineering: Electrical Engineering	3G E-Learning	2019	1	1	
	620	Illustrated Handbook of Electrical Engineering	3G E-Learning	2018	1	1	
<b>TOTAL</b>					<b>6</b>	<b>6</b>	<b>0</b>

<b>CAD - COMPUTER AIDED DRAFTING</b>	620.00420285536	SOLIDWORKS 2019 and Engineering Graphics: An Integrated Approach	Randy H. Shih	2019	1	1	
	620.00420285536	SOLIDWORKS 2018 Tutorial with Video Introduction	David C. Planchard	2018	1	1	
	620.00420285536	SOLIDWORKS 2017: Tutorial with video instruction: A Step-by-Step Project Based Approach Utilizing 3D Solid Modeling	David C. Planchard	2017	1	1	

	620.00420285536	Vibration Analysis with SOLIDWORKS Simulation 2019	Paul M. Kurowski	2019	1	1	
	620.00420285536	Project Based SOLIDWORKS 2019	PLANTENBERG	2019	1	1	
	620.00420285536	Finite Element Analysis with SOLIDWORKS Simulation	Robert H. King	2019	1	1	
				<b>TOTAL</b>	<b>6</b>	<b>6</b>	<b>0</b>

<b>EET 112 - Electronic Circuits, Devices and Application</b>	621.381	Electronic Devices & Circuits Vol. II	Anand	2017	1	1	
	621.381	Electronic Devices & Circuits Vol. III	Anand	2017	1	1	
	620	Engineering Circuit Analysis	Jasper Harrison	2019	1	1	
	CIR 621.319 K131 2018	Electric Circuit	Kang	2018	1	1	
	eBook	CMOS Integrated Circuit Simulation with LTSPICE	Bruun, Erik	2017	1		1
				<b>TOTAL</b>	<b>5</b>	<b>4</b>	<b>1</b>

<b>Eng'g Mech - Engineering Mechanics</b>	CIR 620.104 P999 2017	Engineering Mechanics: Dynamics	Pytel & Kiusalaas	2017	1	1	
	CIR 620.104 P999 2017	Engineering Mechanics: statics	Pytel & Kiusalaas	2017	1	1	
	621.8	Mechanics of Mechanisms and Machines	Talpasanu	2019	1	1	
	620.1	Applied Mechanics	3G E-Learning	2017	1	1	
	620.1	Theory, Practice and Techniques in Mechanics	3G E-Learning	2018	1	2	
				<b>TOTAL</b>	<b>5</b>	<b>6</b>	<b>0</b>

<b>EET 211 - Electrical Circuit 1</b>	621.381	Electronic Devices & Circuits Vol. II	Anand	2017	1	1	
	621.381	Electronic Devices & Circuits Vol. III	Anand	2017	1	1	
	620	Engineering Circuit Analysis	Jasper Harrison	2019	1	1	
	CIR 621.319 K131 2018	Electric Circuit	Kang	2018	1	1	
	eBook	CMOS Integrated Circuit Simulation with	Bruun, Erik	2017	1		1

<b>TOTAL</b>	<b>5</b>	<b>3</b>	<b>1</b>
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<b>EET 212 - Industrial Electronics</b>	600	Futur Manufacturing Systmes	Randrianarisoa	2019	1	1	
	600	Industrial Machining Technology	3G E-Learning	2019	1	1	
	600	Industrial Robotics	K. Dinwiddie	2019	1	1	
	600	Industrial Power Electronics	P. Gangualy	2017	1	1	
	600	Introduction to Robotics	Galang	2017	1	1	
	600	Degarmos Materials and Processes in Manufactruing	J. T. Black	2017	1	1	
<b>TOTAL</b>					<b>6</b>	<b>6</b>	<b>0</b>

<b>BOSH - Basic Occupational Safety and Health</b>	363.11	Management of Occupational Health and Safety	Kelloway	2017	1	1	
	eBook	Handbook of Occupational Safety and Health	Mansdorf, Seymour Zack	2019	1		1
	eBook	Occupational and Environmental Safety and Health	Pedro M. Arezes	2019	1		1
	eBook	Global Occupational Safety and Health Management Handbook	Thomas P. Fuller	2019	1		1
	eBook	Virtual Reality and Virtual Environemnts: A Tool for Improving Occupational Safety and Health	Andrzej Grabowski	2020	1		1
<b>TOTAL</b>					<b>5</b>	<b>1</b>	<b>4</b>

	eBook	Engineering Economics: Decisions and Solutions from Eurasian Perspective	Svetlana Igorevna Ashmarina, Valentina Vyacheslavovna	2021	1		1
	eBook	The Economics of Telecommunication Services: An Engineering Perspective	Pramode Verma, Fan Zhang	2020	1		1

<b>Eng'g Econ - Engineering Economics</b>	eBook	Engineering Economics of Life Cycle Cost Analysis	Faber, Isaac, Farr, John V	2019	1		1
	eBook	Fundamentals of Engineering Economics	Chan S. Park	2019	1		1
	eBook	Fundamentals of Economics for Applied Engineering	S. Kant Vajpayee, MD Sarder	2019	1		1
	eBook	Principles of Engineering Economics with Applications	Zahid A. Khan, Arshad N. Siddiquee,	2018	1		1
	eBook	Engineering Economics	Yates, J. K	2017	1		1
<b>TOTAL</b>					<b>7</b>	<b>0</b>	<b>7</b>

<b>EET 213 - Electrical Circuit 2</b>	621.381	Electronic Devices & Circuits Vol. II	Anand	2017	1	1	
	621.381	Electronic Devices & Circuits Vol. III	Anand	2017	1	1	
	620	Engineering Circuit Analysis	Jasper Harrison	2019	1	1	
	CIR 621.319 K131 2018	Electric Circuit	Kang	2018	1	1	
	eBook	CMOS Integrated Circuit Simulation with LTSPICE	Bruun, Erik	2017	1		1
<b>TOTAL</b>					<b>6</b>	<b>2</b>	<b>4</b>

<b>EET 214 - Logic Circuit and Switching Theory</b>	CIR 621.395 N239 2016	Digital Electronics 2: Sequential and Arithmetic Logic Circuits	Ndjountche	2016	1	1	
	eBook	Introduction to Logic Circuits & Logic Design with Verilog	Lameres	2017	1		1
	eBook	Introduction to Logic Circuits & Logic Design with Verilog	Brock J. Lameres	2019	1		1
	eBook	Introduction to Logic Circuits & Logic Design with VHDL	Brock J. Lameres	2019	1		1
	eBook	Power Switching Components: Theory, Applications and Future Trends	Kaveh Niayesh	2017	1		1

	eBook	Hybrid System Identification: Theory and Algorithms for Learning Switching Models	Fabien Lauer	2019	1		1
				<b>TOTAL</b>	<b>6</b>	<b>1</b>	<b>5</b>

<b>EET 215 - Fundamentals of Electronic Communications</b>	600	Electronics and Communications Engineering	Kumar	2020	1	1	
	600	Illustrated Handbook of Telecommunications Engineering	3G E-Learning	2018	1	1	
	600	Introduction to Telecommunications	Smith	2017	1	1	
	600	Fundamentals of Radar Sonar and Navigation Engineering with Guidance	K. K. Sharma	2017	1	1	
	600	Advance Relay Technologies in Next Generation Wireless Communications	Krikidis	2016	1	1	
	600	An Integrated Course in Electronics & Communications Engineering	Gupta	2017	1	1	
	600	Satellite Communication	S. Katiyar	2019	1	1	
				<b>TOTAL</b>	<b>7</b>	<b>7</b>	<b>0</b>

<b>Eng'g Mngt - Engineering Management</b>	620.0068	Engineering Management in a Global Environment: Guidelines and Procedures	M. Kemal Atesmen	2017	1	1	
	eBook	Trends in Manufacturing and Engineering Management: Select Proceedings of ICMechD 2019	S. Vijayan, Nachiappan Subramanian, K.	20121	1		1
	eBook	Reliability Management and Engineering: Challenges and Future Trends	Edited by Harish Garg, Mangey Ram	2020	1		1

	eBook	IT Crisisology: Smart Crisis Management in Software Engineering: Models, Methods, Patterns, Practices, Case Studies	Sergey V. Zykov	2021	1		1
	eBook	Effective Project Management: Guidance and Checklists for Engineering and construction	Ward, Gartha G. F.	2018	1		1
	<b>TOTAL</b>				<b>5</b>	<b>1</b>	<b>4</b>

<b>EET 311 - Electrical Machines</b>	620	Core Concepts in Engineering: Mechanical Engineering with CD	3G E-Learning	2019	1	1	
	620	Fundamentals of Electric Drives	El-Sharkawi	2019	1	1	
	620	Mechanics of Mechanisms and Machines	Talpasanu	2019	1	1	
	620	Mechatronics Technology	3G E-Learning	2019	1	1	
	620	Theory, Practice and Techniques in Mechanical Engineering	3G E-Learning	2018	1	1	
	<b>TOTAL</b>				<b>5</b>	<b>5</b>	<b>0</b>

<b>EET 312 - Programmable Logic Control</b>	629.8 R2349 2018	Basic Instrumentation System and Programmable Logic Controller	Rathore	2018	1	1	
	629.865 R1161 2018	Programmable Logic Controllers: Hardware and Programming 4E	Rabiie	2018	1	1	
	eBook	Programmable Logic Controllers	Bolton, William	2018	1		1
	eBook	Mobile, Secure, and Programmable Networking: 4th International Conference, MSPN 2018, Paris, France, June 18-20, 2018, Revised Selected Papers	Eric, Renault, Selma Boumerdassi, Samia Bouzebrane	2018	1		1

	eBook	From Additive Manufacturing to 3D/4D Printing 3 Breakthrough Innovations: Programmable Material, 4D Printing and Bio-printing	Andre, Jean-Claude	2018	1		1
				<b>TOTAL</b>	<b>5</b>	<b>2</b>	<b>3</b>

<b>EET 313 - Microprocessor System</b>	620	Basics Electronics & Microprocessor	Microprocessor-based Parallel Architecture for Reliable Digital	2019	1	1	
	620	Digital and Statistics Signal Processing	Anastasia Veloni	2019	1	1	
	620	Digital Electronics	B. K . Gupta	2018	1	1	
	620	Digital Logic and Microprocessor Design	Enoch Hwang	2018	1	1	
	620	Sensors for Mechatronics	Regtien	2018	1	1	
	620	Real-Time Embedded Systems	Wang, Jaicun	2018	1	1	
				<b>TOTAL</b>	<b>6</b>	<b>6</b>	<b>0</b>

<b>EET 314 - EE Law's Codes, Standard and Ethics</b>	CIR 621.31924 M612 2015	Illustrated Guide to the National Electrical Code	Miller	2015	1	1	
	eBook	Engineering Ethics: Concepts and Cases	Charles E. Harris, Jr., Michael S. Pritchard, Ray W. James, Elaine E. Englehardt,	2018	1		1
	eBook	Canadian Professional Engineering and Geoscience: Practice and Ethics	Andrews, Gordon Clifford, McPhee, John,	2018	1		1
	eBook	Ethics in Computing, Science, and Engineering: A Student's Guide to Doing Things Right	Barry Blundell	2020	1		1

	eBook	Ethics, Politics, and Whistleblowing in Engineering	Milleron, Rania, Sakellariou,	2019	1		1
	eBook	Engineering Ethics for a Globalized World	Edited by Collen Murphy, Paolo Gardoni, Hassan Bashir, Charles E. Harris, Jr. Evad	2015	1		1
				<b>TOTAL</b>	<b>6</b>	<b>1</b>	<b>5</b>

<b>EET 315 - Principle Distribution</b>	621.317	Smart Electricity Distrivution Kit	Wary	2017	1	1	
	CIR 621.319 L645 2016	Line Construction (Electric Power Distribution): Intermediate		2016	1	1	
	621.319	Transmission and Distribution	Signh	2018	1	1	
	621.319	Electric Power Distribution Line Constructions: Intermediate in Compliance with NC II w/DVD	3G E-Learning	2019	1	1	
	621.319	Transmission and Distribution of Electrical Power	J. B. Gupta	2018	1	1	
	621.319	Modern Distribution Systems with PSCAD Analysis	Yazdani, Atousa	2018	1	1	
				<b>TOTAL</b>	<b>6</b>	<b>6</b>	<b>0</b>

<b>EET 316 - Electrical Wiring System</b>	CIR 621.31924 H426 2018	Electrical Wiring: Industrial Based on the 2017 National Electrical Code	Stephen L. Herman	2018	1	1	
	CIR 621.31924 Si472 2018	Electrical Wiring Commercial: Based on the 2014 National Electrical Code	Simmons & Mullin	2018	1	1	
	CIR 621.3191 R311 2017	Residential, Commercial and Industrial Electrical Systems	3G E-Learning	2017	1	1	
	CIR 621.3 EI253 2016	Electrical Installation and Maintenance: Intermediate	3G E-Learning	2016	1	1	
	CIR 621.3 EI253 2016	Electrical Installation and Maintenance: Advance	3G E-Learning	2016	1	1	
	CIR 621.3 EI253 2016	Electrical Installation and Maintenance: Expert	3G E-Learning	2016	1	1	



	CIR 621.31924 M917 2018	Electrical Wiring Residential: Based on the 2017 National Electrical Code	Mullin & Simmons	2018	1	1	
				<b>TOTAL</b>	<b>7</b>	<b>7</b>	<b>0</b>

<b>EET 317 - Motor Control</b>	CIR 621.46 H426 2017	Understanding Motor Controls		2017	1	1	
	eBook	AC Motor Control and Electrical Vehicle Applications	Nam, Kwang Hee	2019	1		1
	eBook	Electric Motor Control	Sang-Hoon Kim	2017	1		1
	eBook	Biomechanics and Motor Control: Defining Central Concepts	Latash, Mark L., Zatsiorsky,	2016	1		1
	eBook	Electric Motors and Control Systems, Second Edition	Frank D. Petruszella	2016	1		1
				<b>TOTAL</b>	<b>5</b>	<b>1</b>	<b>4</b>

<b>EET 411 - Pneumatic and Electro Pneumatic Control</b>	eBook	High Speed Pneumatic Theory and Technology Volume I: Servo System	Yaobao Yin	2019	1		1
	eBook	Engineering Applications of Pneumatics and Hydraulics	Ian C. Turner	2020	1		1
	eBook	Basic Pneumatics Student Reference	Amatrol	2017	1		1
	eBook	Hydraulics and Pneumatics	Parr	2011	1		1
	eBook	Advances in Hydraulic and Pneumatic Drives and Control 2020	Jarostaw Stryczek	2021	1		1
				<b>TOTAL</b>	<b>5</b>	<b>0</b>	<b>5</b>

	CIR 629.89 In792 2016	Instrumentation and Control Servicing: Intermediate	3G E-Learning	2016	1	1	
	CIR 629.89	Electronics and Electrical measurement and Instrumentation	3G E-Learning	2017	1	1	

<b>EET 412 - Instrumentation and Control</b>	621.374	Electronics & Electrical Measurements and Instrumentations	3G E-Learning	2014	1	1	
	eBook	Automation in Textile Machinery: Instrumentation and Control System Design Principles	L. Ashok Kumar, M Senthil Kumar	2018	1		1
	eBook	Instrumentation and Control Systems 3rd Edition	William Bolton	2021	1		1
	<b>TOTAL</b>				<b>5</b>	<b>3</b>	<b>2</b>


<b>EET 413 - Auxilliary System</b>	eBook	Power Electronic Converters for Solar Photovoltaic System	Ashok L. Kumar, S. Albert Alexander, Madhuvanthani	2020	1		1
	eBook	Sliding Mode Controllers for Power Electronic Converters	Axaykumar Mehta, Brijesh	2019	1		1
	eBook	Control of Power Electronic Converters abd Systems	Frede Blaabjerg	2018	1		1
	eBook	Power Electronic Converters: Interactive Modelling Using Simulink	Lyer, Narayanaswamy	2018	1		1
	eBook	Advanced Control of Electrical Drives and Power Electronic Converters	Jacek Kabzinski	2017	1		1
	<b>TOTAL</b>				<b>5</b>	<b>0</b>	<b>5</b>

	eBook	Stochastic Approaches to Electron Transport in Micro and Nanostructures	Mihail Nedjalkov, Ivan Dimov, Siegfried	2021	1		1
	eBook	The On-line Electric Vehicle: Wireless Electric Ground Transportation Systems	Edited by Nam P. Suh, Dong Ho Cho	2017	1		1


<b>EET 415 - Electro Transport Technology</b>	eBook	The Governance of Smart Transportation Systems: Towards New Organizational Structures for the Development of Shared, Automated, Electric and Integrated Mobility	Matthias Finger, Maxime Audouin	2019	1		1
	eBook	Energy Systems for Electric and Hybrid Vehicles	K. T. Chau	2016	1		1
	eBook	Power Electronics for Renewable Energy Systems, Transportaion and Industrial Applications	Mariusz Malinowski	2014	1		1
				<b>TOTAL</b>	<b>5</b>	<b>0</b>	<b>5</b>

<b>EET 416 - Marine Electric Equipment, Devices and Maintenance</b>	623.8503	Marine Electrical Knowledge	Kumar	2019	1	1	
	eBook	Practical Marine Electrical Knowledge, 4th Edition	Dennis T. Hall	2020	1		1
	eBook	Electricity from wave and tide: An Introduction to Marine Technology	Lynn, Paul A.	2014	1		1
	eBook	Marine Electrical Knowledge	Willem Maes	2014	1		1
	eBook	Electrical Equipment in a Marine Environment	W. Maes	2015	1		1
				<b>TOTAL</b>	<b>5</b>	<b>1</b>	<b>4</b>

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