SURIGAO STATE COLLEGE OF TECHNOLOGY

Surigao City Campus

ENGINEEEING SCIENCE

SUBJECT/COURSE TITLE	Call #	TITLE	AUTHOR	EDITION	PUBLICATION DATE	TITLES	VOLUMES	eBOOKS
COMPUTER FUNDAMENTALS WITH SOFTWARE APPLICATIONS	CIR 620.8 Em326 2015	Emerging technologies of the 21st century			2015	1	1	
	CIR 629.8312 Sa163 2015	Automatic control systems : with MATLAB programs	Saeed, Syed Hasan		2015	1	1	
	004	A Complete Guide to Computer Fundamentals	Narayan		2014	1	1	
	005.8	Computing Essentials 2013	O'Leary		2013	1	1	
	005.4	Spreadsheets and Database	JDG		2012	1	2	
	001.64 P393 2010	Intro to Computer Fundamentals (Concepts and Application)	Copernicus Pepito		2010	1	5	
	eBook	CAD-CAM & rapid prototyping application evaluation	Boboulos	1st ed.	2010			1
				TOTAL		6	11	1
COMPUTER PROGRAMMING		Beginning Guide to Programming Logic and Design	Sisodia		2014	1	1	
		Computer Fundamentals & Logic Formulation	Farrell	2nd ed.	2013	1	1	
	005.2	A First Book of C++	Bronson		2013	1	3	
	005.2	C++ How to Program	Dietel		2013	1	1	
		Foundation of C Programming	Forouzan		2011	1	1	
		C# Programming Problem Analysis to Program Design	Doyle		2011	1	2	
	eBook	Geometric and engineering drawing	Morling	3rd ed.	2010			1
				TOTAL		6	9	1
ENGINEERING DRAWING	eBook	Engineering drawing and design	Madsen	5th ed.	2012			1
	604.2 G364 2003	Technical Drawing	Frederick Giesescke	12th ed.	2003	1	5	
	604.2 En332 1995	Engineering Graphics Fundamentals	Arvid R. Eide	2nd ed.	1995	1	1	
	604.24	Technical Drawing	David Goetsch	3rd ed.	1994	1	1	
	604.2	Technical Drawing	Frederick Giesescke	9th ed.	1991	1	4	
				TOTAL		4	11	1
COMPUTER AIDED DRAFTING	620.00420285536 H17 2012	AUTOCAD 2013 3D Modeling W/ DVD	Hamad		2012	1	1	
	620.004 202 85	AUTOCAD Tutor for Engineering Graphics 2013 and beyond	Kevin Lang		2012	1	1	
				TOTAL		2	2	
STATICS OF RIGID BODIES	for processing	Engineering mechanics : dynamics	Pytel		2017	1	1	
	620.1	Engineering Mechanics with DVD	3G Learning		2014	1	1	
	620.105 4	Engineering Mechanics Dynamics	Hibbeler	12th ed.	2011	1	3	
	eBook	Statics and mechanics of materials	Beer		2011			1
	eBook	Engineering mechanics statics	Pytel & Kiusalaas	3rd ed.	2010			1
	eBook	Engineering mechanics statics and dynamics	Hibbeler	12th ed.	2010			1
				TOTAL		3	5	3

DYNAMIC OF RIGID BODIES	620.105 4	Dynamics/ Vector Mechanics for Engineers	Beer		2013	1	1	
		Advances in Dynamics of Structure and Materials (2 vols)	Pierson		2012	1	2	
	eBook	Engineering mechanics dynamics	Pytel	3rd ed.	2010			1
	eBook	Engineering mechanics dynamics	Hibbeller	12th ed.	2010			1
	620.105 4	Vector Mechanics for Engineers: Dynamics	Beer and Johnston		1999	1	4	
	620.112	Strength of Materials	William A. Nash	3rd ed.	1994	1	2	
	620.112	Strength of Materials	Ferdinand L. Singer, et.al	3rd ed.	1980	1	3	
	620.112	Strength of Materials	Ferdinand L. Singer	2nd ed.	1970	1	5	
				TOTAL		**6**	**17**	**2**
ENVIRONMENTAL ENGINEERING	for processing	Solid Waste Engineering: A Global Perspective	Worrel		2017	1	1	
	for processing	Progress in Environmental Engineering	Tomaszek		2015	1	1	
	for processing	Ecological Water Treament	Lotus		2015	1	1	
	for processing	Environmental Process Analysis	Mott		2014	1	1	
	CIR 628 D535 2013	Environmental Science and Engineering	Dhameja		2012	1	1	
	eBook	Concise environmental engineering	Han		2012			1
				TOTAL		**5**	**5**	**1**
SAFETY MANAGEMENT	*for processing*	Contractor Safety Management	Smith		2014	1	1	
	eBook	Fundamentals of hydrogen safety engineering I	Molkov		2012			1
	eBook	fundamentals of hydrogen safety engineering II	Molkov		2012			1
	620.86	Handbook of Industrial System Safety Engineering and Risk Assessment	Gaumer		2012	1	1	
				TOTAL		**2**	**2**	**2**
ENGINEERING ECONOMY	330	Fundamental of Engineering Economics	Park		2013	1	1	
	330	Engineering Economy	Blank	7th ed.	2012	1	1	
	eBook	Engineering Economy	Blnak	7th ed.	2012			1
				TOTAL		**2**	**2**	**1**
MECHANICS OF DEFORMABLE BODIES	for processing	Engineering mechanics: DYNAMICS	Pytel		2017	**1**	1	
	for processing	Engineering mechanics: statics	Pytel		2017	**1**	1	
	eBook	Mechanics of solid and Fracture	Kim	2nd ed.	2016			1
	eBook	Engineering mechanics	Hibbeler	14th ed.	2016			1
	620.112	in Structured Design	Jenkins		2011	1	1	
	620.105 3	Engineering Mechanics Statics	Hibbeler	12th ed.	2011	1	1	
	620.112	Statics and Mechanics of Materials	R. C. Hibbeler		2011	1	1	
				TOTAL		**5**	**5**	**2**
BASIC ELECTRICAL ENGINEERING	for processing	Electrical Wiring: Residential	Mullins		2018	1	1	
	for processing	Electrical Wiring: Commercial	Mullins		2018	1	1	
				TOTAL		**2**	**2**	
BASIC MECHANICAL ENGINEERING	for processing	Basic Mechanical Engineering	3G Learning		2015	1	1	
				TOTAL		**1**	**1**	

Category		Title	Author	Edition	Year			
ENGINEERING MANAGEMENT	*for processing*	Construction Management & Equipment	Soni		2015	1	1	
	for processing	Engineering Construction Risks	Nelson		2015	1	1	
	for processing	Engineering Management	Hinrichs		2015	1	1	
					TOTAL	**3**	**3**	
MECHANICS OF FLUIDS	*for processing*	Mechanics of Fluid	Potter		2017	1	1	
	for processing	Fluid Mechanics	White		2016	1	1	
	for processing	Principles and Practice of Fluid Mechanics	McGuire		2015	1	3	
	620.106	Fluid Mechanics with DVD	3G Learning		2014	1	1	
	620.106	Introduction to Fluid Mechanics	Young		2012	1	1	
	eBook	A first course in fluid mechanics for engineers	Hewakandamby		2012			1
	eBook	Engineering fluid mechanics	Shemmeri		2012			1
	eBook	Engineering fluid mechanics: solution manual	Shemmeri		2012			1
	eBook	Fluid mechanics and the theory of flight	Johnsons		2012			1
	eBook	Computational Fluid dynamics	Sayma	1st ed.	2009			1
					TOTAL	**5**	**7**	**5**
ENTREPRENEURSHIP FOR ENGINEERS	CIR 658.421 Es745 2015	Essentials of entrepreneurship			2015	1	1	
	eBook	Entrepreneurship for engineers	Fadai, Kohlert, Helmut, & Sachs	2nd ed.	2013			1
	CIR 658 B220 2012	Entrepreneurship	Banastao and Frias.		2012	1	1	
	eBook	Entrepreneurship for engineers	Uchino		2009			1
					TOTAL	**2**	**2**	**2**
STRENGTH OF MATERIALS	eBook	Mechanics of materials	Hibberller	10th ed.	2017			1
	for processing	Strength of Materials	Chakraborti		2015	1	1	
	eBook	Mechanics of materials	Hibberller	9th ed.	2014			1
	620.112	Strength of Materials	Pytel	4th ed.	2013	1	3	
	CIR 620.112 C349 2013	Strength of materials : SI units for engineering degree and diploma students	Chakraborti		2013	1	1	
	eBook	Introduction to mechanics of materials:	Janco & Hucko	1st ed.	2012			1
	eBook	Mechanics of materials	Beer	6th ed.	2012			1
	eBook	Mechanics of materials	Gere	brief ed.	2012			1
	eBook	Mechanics of materials	Beer	7th ed.	2012			1
	eBook	Mechanics of materials	Hibberller	8th ed.	2011			1
	620.112	Statics and Strength of Materials	F. CHENG		1997	1	5	
	620.112	Strength of Materials	W. A. NASH	3rd ed.	1994	1	3	
	620.112	Strength of Materials	Venancio I. Besavilla, Jr.		1984	1	6	
					TOTAL	**6**	**19**	**7**
BASIC THERMODYNAMICS	621.402 2	Principles of Heat and Mass Transfer	Incropera	7th ed.	2013	1	1	
	eBook	Engineering thermodynamics : solution manual	Shemmeri		2012			1
	621.402 1	Thermodynamics An Engineering Approach	Cengel		2011	1	1	
	eBook	Engineering thermodynamics	Shemmeri	1st ed.	2010			1
	eBook	Chemical thermodynamics	Lue		2009			1
	621.402 1	Thermodynamics 2	Sta. Maria		1991	1	5	
					TOTAL	**3**	**7**	**3**

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SUBJECT/COURSE TITLE	Call #	TITLE	AUTHOR	EDITION	PUBLICATION DATE	TITLES	VOLUMES	eBOOKS
COLLEGE ALGEBRA	CIR 512 K162 2014	Succeeding with college algebra	Kaufmann, & Schwitters		2014	1	1	
	eBook	College algebra	Larson	9th ed.	2014			1
	512 Ex26 2013	College algebra	Exconde, Maria Rosario C		2013	1	1	
	eBook	Intermediate algebra for college students	Blitzer	6th ed.	2013			1
	eBook	College algebra	Larson	9th ed.	2013			1
	512 F34 2012	Workbook in college algebra	Mario A. Fetalver		2012	1	1	
	eBook	Algebra for college students	Lial	7th ed.	2012			1
	eBook	Essentials of college algebra with modelling and visualization	Rockswold	4th ed.	2012			1
	eBook	College algebra: graphs and models	Coburn & Herdlick		2012			1
	eBook	College algebra	Sullivan	9th ed.	2012			1
	512 Am11 2005	College Algebra: Worktext	Amacio, Leonor T.		2007	1	2	
				TOTAL		**4**	**5**	**7**
PLANE AND SPHERICAL TRIGONOMETRY	516.24 Sa743 2009	Plane and spherical trigonometry	Agnes Cenen E. Sarmiento		2009	1	5	
				TOTAL		**1**	**5**	
ADVANCED ALGEBRA	eBook	Advanced modern algebra	Rotman	3rd ed.	2017			1
	eBook	Advanced algebra	Knapp	2nd ed.	2016			1
	eBook	Advanced modern algebra	Rotman	3rd ed.	2015			1
	eBook	Some topics in algebra: an advanced undergrad course at PKU	Broue		2014			1
	512 Ex26 2013	College algebra	Exconde, Maria Rosario C		2013	1	1	
	512 F34 2012	Workbook in college algebra	Mario A. Fetalver		2012	1	1	
	512 Am11 2005	College Algebra: Worktext	Amacio, Leonor T.		2007	1	2	
				TOTAL		**3**	**4**	**4**
ANALYTIC GEOMETRY	for processing	Analytical geometry	Galliquez		2015	1	1	
	516.3 D115 2013	Analytic geometry : worktext	Dacanay, Christopher C		2013	1	1	
	516.3 C73 2009	Analytic Geometry Made Easy	Felipe L. Comandante		2009	1	5	
				TOTAL		**3**	**7**	
SOLID MENSURATION						0	0	0
				TOTAL		**0**	**0**	**0**
DIFFERENTIAL CALCULUS	eBook	Differential calculus using mathematica	Perez		2016			1
	eBook	Differential calculus with Matlab			2016			1
	515.33 C73 2012	Differential Calculus Made Easy!	Felipe L. Comandante		2012	1	5	
	eBook	Introduction to differential calculus: systematic studies with engineering applications for beginners	Rohde		2012			1
				TOTAL		**1**	**5**	**3**

CATEGORY	Call No.	Title	Author	Edition	Year			
PROBABILITIES AND STATISTICS	519.5 M5225 2014	Introduction to Probability & Statistics 14th ed	Mendenhall, Beaver		2014	1	1	
	for processing	Introduction to Real World Statistics	Vieira		2017	1	1	
	519.5 W165 2012	Probability and Statistics for Engineers and Scientists	Walpole, Ronald E.		2012	1	3	
	519.5 Sch21 2012	Probability and statistics for engineering students	Scheaffer, Richard L.		2012	1	5	
	519.5	Introduction to Probability w/ R	Baclawski		2011	1	1	
	519.5	Basic Probability and Statistics	Garambas		2011	1	1	
				TOTAL		**6**	**12**	
INTEGRAL CALCULUS	eBook	MATLAB Differential and Integral Calculus	Lopez		2014			1
	eBook	The Calculus Integral	Thomson, Brian S.		2013			1
	eBook	Introduction to Integral Calculus: Systematic Studies with	Rohde, Jain, Poddar, & Ghosh		2012			1
	eBook	Calculus for dummies	Ryan		2010			1
	515.43 Ap11 2009	Simplified approach to integral calculus	Renato E. Apa-ap		2009	1	5	
	515.43 Ap11 2007	Simplified approach to integral calculus	Renato E. Apa-ap		2007	1	3	
				TOTAL		**2**	**8**	**4**
DIFFERENTIAL EQUATIONS	For processing	Differential equation: theory and application	Borres		2017	1	1	
	eBook	Scaling differential equation : theory and application	Langtagen		2016			1
	eBook	Differential equation analysis in biomedical science and engineering : ordinary differential equation applications with R	William E. Schiesser		2014			1
	515.352 R5411 2013	Ordinary differential equations : applications, models, and	Roberts, Charles E. Jr., 1942-		2013	1	1	
	515.35 Z651 2011	Succeeding with differential equations	Zill, Dennis G		2011	1	2	
				TOTAL		**3**	**4**	**2**
ADVANCED ENGINEERING MATH	eBook	Engineering mathematics	Tisdell		2013			1
	for processing	Advance Engineering Math	Ymas		2012	1	1	
	eBook	Advanced engineering mathematics	O'neil	7th ed.	2012			1
	eBook	Essential engineering mathematics	Batty		2011			1
	eBook	Advance Engineering Mathamatics	Kreyszig	10th ed.	2011			1
	eBook	Basic engineering mathematics	Bird	5th ed.	2010			1
	eBook	Engineering mathematics	Bird	5th ed.	2007			1
	eBook	1001 Solved engineering fundamentals problems	Lindeburg	3rd ed.	2005			1
	eBook	1001 solved problems in engineering mathematics	Tiong					1
				TOTAL		**1**	**1**	**8**
NUMERICAL METHODS	eBook	Introduction to complex numbers	Tisdell	1st ed.	2015			1
	for processing	Computer Oriented Numerical and Statistical methods	Mishra		2013	1	1	
	for processing	Numerical Computation of Internal & External Flows	Hirsch		2012	1	1	
				TOTAL		**2**	**2**	**1**

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SUMMARY OF BOOK FOR ENGINEERING SCIENCE

(As of April 2018)

SUBJECT	No. of Titles	No. of Volumes	eBooks
Computer Fundamentals with Software Application	6	11	1
Computer Programming	6	9	1
Engineering Drawing	4	11	1
Computer Aided Drafting	2	2	0
Statics of Rigid Bodies	3	5	3
Dynamic of Rigid Bodies	6	17	2
Environmental Engineering	5	5	1
Safety Management	2	2	2
Engineering Economy	2	2	1
Mechanics of Deformable Bodies	5	5	2
Basic Electrical Engineering	2	2	0
Basic Mechanical Engineering	1	1	0
Engineering Management	3	3	0
Mechanics of Fluids	5	7	5
Entrepreneurship for Engineers	2	2	0
Strength of Materials	6	10	7
Basic thermodynamics	3	7	3
TOTAL	**63**	**101**	**29**

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SUMMARY OF BOOK FOR ENGINEERING MATHEMATICS

(As of April 2018)

SUBJECT	No. of Titles	No. of Volumes	eBooks
College Algebra	4	5	7
Plane & Spherical Trigonometry	1	5	0
Advanced Algebra	3	4	4
Analytical Geometry	3	7	0
Solid Mensuaration	0	0	0
Differential Calculus	1	5	3
Probabilities and Statistics	6	12	0
Integral Calculus	2	8	4
Differential Equations	3	4	2
Advanced Engineering Math	1	1	8
Numerical Methods	2	2	1
TOTAL	**26**	**53**	**29**

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