

1st Year Textbook list 2022

1st Semester

Module	Author	Title	Edition	Price
Engineering chemistry 123	Martin Silberberg	Principles of General Chemistry ISBN :9780071317986	3 rd Ed	R1429
Applied Mathematics B124	RC Hibbeler	Mechanics for Engineers STATICS (SI Units) ISBN 9781292089232	14th	R779
Engineering Mathematics 115	James Stewart	Calculus (metric international version) ISBN: 9780357113462	9th	R779
Engineering Drawings 123	Stellenbosch University	Descriptive Geometry for Engineering Students <i>and</i> ENGINEERING DRAWING GUIDE FOR STUDENTS AND PROFESSIONAL ENG	4th	R150 and R185
Engineering Physics 113	Halliday, Resnick and Walker	Principle of Physics ISBN: 9781119454014	11th	R800
Probability Theory and Statistics 114 <i>(Data Engineering Only)</i>	Sheldon Ross, A	A First Course in Probability (Int. Edition) ISBN: 9781292269207	10th	R604

Prescribed calculator

Sharp EL-W506, EL-506W and Casio FX 991

2nd Semester

Module	Author	Title	Edition	Price
Electrotechnique 143	Nilsson, JW & Riedel, SA	Electric Circuits ISBN: 9781292261041	11th	R818
Computer Programming 143	Deitel & Deitel	C How to Program ISBN:9781292110974	8th	R818
Strength of Materials 143	R.C. Hibbeler	Mechanics of Materials SI Edition ISBN:9781292178202	10th	R818
Applied Mathematics B154	R.C. Hibbeler	Engineering Mechanics DYNAMICS:14th Ed ISBN:9781292088723	14 th	R686
Engineering Mathematics 145	Dennis G Zill	Advanced Engineering Mathematics ISBN:9781284240771	7th	R1467
Data Science 141 <i>(Data Engineering Only)</i>		Data Science for Business: ISBN: 9781449361327		R648

*Pricing of 2nd Semester 2022 books are based on 2nd Semester 2021