

1st Year Textbook list 2023

1st Semester

Module	Author	Title	Edition
Engineering chemistry 123	Silberberg & Amateis	Chemistry: The molecular nature ISBN:9781260575231	9 th
Applied Mathematics B124	RC Hibbeler	Mechanics for Engineers STATICS (SI Units) ISBN 9781292444048	15 th
Engineering Mathematics 115	James Stewart	Calculus (metric international version) ISBN: 9780357113462	9 th
Engineering Drawings 123	Stellenbosch University	Descriptive Geometry for Engineering Students <i>and</i> ENGINEERING DRAWING GUIDE FOR STUDENTS AND PROFESSIONAL ENG	4 th
Engineering Physics 113	Halliday, Resnick and Walker	Principle of Physics ISBN: 9781119454014	11 th
Probability Theory and Statistics 114 <i>(Data Engineering Only)</i>	Sheldon Ross, A	A First Course in Probability (Int. Edition) ISBN: 9781292269207	10 th

2nd Semester

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