

**Faculty of Engineering, Stellenbosch University**

**1<sup>st</sup> Year Textbook list**

**1<sup>st</sup> Semester**

| <b>Module</b>   | <b>Author</b>                | <b>Title</b>   | <b>Edition</b>     |
|---|------------------------------|--|--------------------|
| Engineering Chemistry 123   | Martin Silberberg            | Principles of General Chemistry<br>ISBN: 9780071317986   | 3 <sup>rd</sup> Ed |
| Applied Mathematics B124  | RC Hibbeler                  | Mechanics for Engineers STATICS (SI Units)<br>ISBN: 9781292089232  | 14th               |
| Engineering Mathematics 115   | James Stewart                | Calculus (metric international version)<br>ISBN: 9781305266728   | 8th                |
| Engineering Drawings 123  | University of Stellenbosch   | Descriptive Geometry For engineering Students<br><i>and</i><br>ENGINEERING DRAWING GUIDE FOR STUDENTS AND PROFESSIONAL ENG | 4th                |
| Engineering Physics 113   | Halliday, Resnick and Walker | Principle of Physics<br>ISBN: 9781118230749  | 10th               |
| Probability Theory and Statistics 114<br><br>(For BEng Data Engineering Only) | Sheldon Ross, A              | A First Course in Probability (Int. Edition)<br>ISBN: 9781118230749  | 9th                |

**Prescribed calculator**

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