**CAES (HC) SI modules Semester 1 - 2021**

**Chemical Engineering**

* Chemical Engineering Principles 1 ENCH1EA (8)
* Mass and Energy Balances ENCH2MB (8)
* Heat Transfer ENCH3HE (16)
* Thermodynamics 2 ENCH3TH (8)

**Civil Engineering**

* Geotechnical Engineering Studies 1 ENCV3G1 (16)

**Electrical, Electronic and Computer Engineering**

* Electrical Principles ENEL2EA (16)
* Computer Methods ENEL2CA (8)
* Applied Computer Methods ENEL2CM (8)
* Electrical and Electronic Engineering ENEL2EE (16)
* Digital Systems ENEL3DS (16)
* Analogue Electronics1 ENEL3TA (8)

**Mechanical Engineering**

* Augmented Engineering Drawing ENME160 (8)
* Thermodynamics 1 ENME2TH (8)
* Fundamentals of Physical Metallurgy ENME2PM (8)
* Computer Fundamentals ENME2CF (8)

**Land Surveying**

* Geomatics 1 ENSV1G1(16)

**SMSCS**

* Mathematics 1A (Eng) MATH131 (16)
* Applied Mathematics (Eng) MATH132 (16)

**SCP**

* Engineering Physics 1A PHYS151 (16)
* Chemical Engineering Physics 1A PHYS161(8)
* Chemical Engineering Chemistry 1 CHEM161 (16)
* Chemistry for Engineers 1A CHEM181 (8)

**SAEES**

* Human Environments GEOG110 (16)
* Biophysical Environments of Southern Africa ENVS210 (16)