

CAES (HC) SI modules Semester 1 - 2022

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)
- Fluids 2 ENCV3FA (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

- Special Science CHEM100 (16)
- 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)