



Cape Peninsula  
University of Technology

**ENGINEERING FACULTY**

DEPARTMENT OF MECHANICAL ENGINEERING

**COURSE:** Diploma in Mechanical Engineering (D3MCHE)


**SUBJECT:** STRENGTH OF MATERIALS  
STL261S

**DATE:** November 2021

**TIME:** 3 Hours

**TOTAL:** 60 marks = 100%

**EXAMINER:** M. Ludick 

**MODERATOR:** W. Boshoff / Z. Ngewana 

**REQUIREMENTS:** Examination Books, Pen, and Pencil & Scientific Calculator, Formula sheet

**INSTRUCTIONS TO CANDIDATES**

1. ANSWER ALL QUESTIONS
2. NUMBER YOUR QUESTIONS CLEARLY
3. YOU MAY ANSWER THE QUESTIONS IN ANY ORDER
4. DRAW NEAT SKETCHES TO ASSIST IN SOLVING THE PROBLEM
5. DRAWINGS MUST BE DONE IN PENCIL.
6. ALL ANSWERS AND CALCULATIONS TO BE IN INK (BLUE \ BLACK) ONLY.