



**Tshwane University  
of Technology**

*We empower people*

**INSTRUCTIONS TO  
CANDIDATES**

1. All exam rules stated by the Tshwane University of Technology apply.
2. **Ensure a single final version of your source code is handed in as requested.**
3. If needed, state all necessary assumptions clearly in code commentary.

**MARKS:** 100%

**PAGES:** 15 (incl. cover)

**EXAMINER:**

Mr A.J. Smith

Prof J.A. Jordaan

**MODERATOR:**

Mr D Engelbrecht

**TIME:**

120 Minutes

**FACULTY OF  
ENGINEERING AND  
THE BUILT ENVIRONMENT**

**DEPARTMENT OF  
ELECTRICAL ENGINEERING**

**ES216BB  
ENGINEERING SOFTWARE DESIGN B**

**EVALUATION 2**

**OCTOBER 2024**