

University of Pretoria Yearbook 2022

Reliability engineering 780 (BTH 780)

Qualification Postgraduate

Faculty [Faculty of Engineering, Built Environment and Information Technology](#)

Module credits 16.00

NQF Level 08

Programmes [BEngHons Industrial Engineering](#)

[BScHons \(Applied Science\) Industrial Systems](#)

Prerequisites No prerequisites.

Contact time 24 contact hours

Language of tuition Module is presented in English

Department Industrial and Systems Engineering

Period of presentation Semester 1 or Semester 2

Module content

To make students conversant with the concepts, tools and techniques of reliability engineering.

Capita selecta from:

- Introduction to Reliability Engineering
- Reliability Mathematics
- Probability Plotting
- Reliability Prediction for Design
- Reliability Testing
- Reliability Growth
- Maintainability
- Reliability Management

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