



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 <i>Industrial Engineering</i> BScHons (Applied Science) <i>Industrial Systems</i>
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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