

University of Pretoria Yearbook 2016

Simulation modelling 780 (BUY 780)

Qualification	Postgraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	16.00
Programmes	BEngHons Industrial Engineering BScHons Applied Science Applied Science: Industrial Systems
Prerequisites	No prerequisites.
Contact time	48 Contact hours
Language of tuition	English
Academic organisation	Industrial and Systems Eng
Period of presentation	Semester 1 or Semester 2

Module content

- Stochastic Modelling
- Stochastic Simulation Modelling
- System Dynamics
- Agent Based Simulation
- Input/Output Analysis
- Simulation and Optimization
- Simulation Project Management
- Simulation Modelling Software

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