

University of Pretoria Yearbook 2017

Productivity 220 (BPZ 220)

Qualification Undergraduate

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

Module credits 16.00

Programmes [BEng Industrial Engineering](#)
[BEng Industrial Engineering ENGAGE](#)

Prerequisites No prerequisites.

Contact time 1 tutorial per week, 3 lectures per week, 2 practicals per week

Language of tuition Separate classes for Afrikaans and English

Academic organisation Industrial and Systems Eng

Period of presentation Semester 2

Module content

Qualifying and quantifying productivity: efficiency, effectiveness, utilisation, profitability and competitiveness. Method study: critical examination and process flow charts and diagrams. Work measurement: time study and activity sampling. Organisational behaviour: motivation, incentive schemes, group forming, work teams, job design and change management. Ergonomics.

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