

University of Pretoria Yearbook 2022

Productivity 220 (BPZ 220)

Qualification Undergraduate

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

Module credits 16.00

NQF Level 06

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

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

Prerequisites No prerequisites.

Contact time 2 discussion classes per week, 4 lectures per week

Language of tuition Module is presented in English

Department Industrial and Systems Engineering

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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