

# University of Pretoria Yearbook 2021

## 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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