

# University of Pretoria Yearbook 2019

## 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** 4 lectures per week, 2 discussion classes per week

**Language of tuition** Separate classes for Afrikaans and 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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