

# University of Pretoria Yearbook 2019

## Methodology of Computer application technology 454 (JMI 454)

**Qualification** Undergraduate

**Faculty** [Faculty of Education](#)

**Module credits** 3.00

**Programmes** [BEd Senior Phase and Further Education and Training Teaching](#)

**Contact time** 2 practicals per week, 2 lectures per week

**Language of tuition** Afrikaans and English are used in one class

**Department** Science Mathematics and Technology Education

**Period of presentation** Quarter 4

### Module content

The module builds progressively on previous acquired knowledge and skills obtained in JMI 200 and 300. Students are guided in the theory of instructional design as they practise planning, designing and presenting optimal learning opportunities. Students are familiarised with the principles contained in the NCS and CAPS. Students analyse the content of the CAT grade 12 curriculum and learn how to use teacher-directed and learner-centred methods to improve learning, they create teaching media, and apply all forms of assessment as prescribed in the CAPS.

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