

University of Pretoria Yearbook 2020

Methodology of Computer application technology 454 (JMI 454)

Qualification Undergraduate

Faculty [Faculty of Education](#)

Module credits 6.00

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

Contact time 2 lectures per week, 2 practicals 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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