

University of Pretoria Yearbook 2017

Surveying 220 (SUR 220)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 14.00

Programmes [BEng Mining Engineering](#)

[BEng Mining Engineering](#)

[BEng Mining Engineering ENGAGE](#)

[BSc Geography](#)

[BSc Geoinformatics](#)

Service modules Faculty of Engineering, Built Environment and Information Technology

Prerequisites WTW 114 GS/WTW 134

Contact time 2 lectures per week, 1 practical per week

Language of tuition Afrikaans and English is used in one class

Academic organisation Geography, Geoinf + Meteor

Period of presentation Semester 2

Module content

Adjustment and use of following instruments: Plane table, level, compass and theodolite. Elementary site surveying and leveling, tachometry. Definition of survey. Co-ordinate systems and bearing. Connections and polars. Methods of determining points. Elevation. Tachometry.

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