

University of Pretoria Yearbook 2020

Project 422 (NSC 422)

Qualification Undergraduate

Faculty Faculty of Engineering, Built Environment and Information Technology

Module credits 32.00

Programmes BEng Metallurgical Engineering

BEng Metallurgical Engineering ENGAGE

Prerequisites NSC 411 or NSC 412

Contact time 1 tutorial per week

Language of tuition Module is presented in English

Department Materials Science and Metallurgical Engineering

Period of presentation Semester 2

Module content

Execution of a research project: experimentation (with attention to safety, reliability, calibration and reproducibility); analysis of results to yield data (with statistical analysis of uncertainty); interpretation of data (to test the stated hypothesis); written reporting of results (with updated literature survey, description of experimental approach, data obtained, conclusions, and scientific and industrial implications); oral and poster presentations.

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