

University of Pretoria Yearbook 2022

Engineering professionalism 410 (IPI 410)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	8.00
NQF Level	08
Programmes	BEng (Mechanical Engineering) BEng (Civil Engineering) BEng (Civil Engineering) ENGAGE BEng (Computer Engineering) BEng (Computer Engineering) ENGAGE BEng (Electrical Engineering) BEng (Electrical Engineering) ENGAGE BEng (Electronic Engineering) BEng (Electronic Engineering) ENGAGE BEng (Industrial Engineering) BEng (Industrial Engineering) ENGAGE BEng (Mechanical Engineering) ENGAGE BEng (Metallurgical Engineering) BEng (Metallurgical Engineering) ENGAGE BEng (Mining Engineering) BEng (Mining Engineering) ENGAGE
Prerequisites	No prerequisites.
Contact time	1 other contact session per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Mining Engineering
Period of presentation	Semester 1

Module content

Requirements to maintain continued competence and to keep abreast of up-to date tools and techniques. ECSA code of conduct, Continuing Professional Development, ECSA outcomes, ECSA process and reasons for registration as CEng and PrEng. Displays understanding of the system of professional development. Accepts responsibility for own actions. Displays judgment in decision making during problem solving and design. Limits decision making to area of current competence. Reason about and make judgment on ethical aspects in case study context. Discerns boundaries of competence in problem solving and design. Case studies typical of engineering practice situations in which the graduate is likely to participate.

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