



University of Pretoria Yearbook 2016

Engineering professionalism 410 (IPI 410)

Qualification Undergraduate

Faculty Faculty of Engineering, Built Environment and Information Technology

Module credits 8.00

Programmes 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
BEng Mechanical Engineering Engage
BEng Metallurgical Engineering
BEng Metallurgical Engineering Engage
BEng Mining Engineering
BEng Mining Engineering Engage

Prerequisites No prerequisites.

Contact time 2 lectures per week, 1 other contact session per week

Language of tuition English

Academic organisation Engineering and Tech Man

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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