

University of Pretoria Yearbook 2022

Energy studies 880 (ILE 880)

Qualification Postgraduate

Faculty [Faculty of Education](#)

Module credits 10.00

NQF Level 09

Prerequisites No prerequisites.

Contact time 20 contact hours

Language of tuition Module is presented in English

Department Engineering and Technology Management

Period of presentation Semester 1 or Semester 2

Module content

Energy systems form part and parcel of a how a country functions. A country/society with a well developed energy system is expected to and has shown higher levels of prosperity and productivity. However, achieving a well developed energy system is a complex process which requires a multidisciplinary understanding of energy types and energy sources. Energy systems therefore need to be chosen beyond the traditional technical considerations and need to include considerations such as the economical, environmental, political and social factors related to a country/society. Such issues will be illustrated by analysing real-world cases that will be relevant to countries that are in various stages of economic development.

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