

University of Pretoria Yearbook 2019

Energy studies 880 (ILE 880)

Qualification	Postgraduate
Faculty	Faculty of Education
Module credits	10.00
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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