

Short Learning Programme (SLP)

Applied Renewable Energy

Content of the SLP

The current energy transition the world is undergoing, in view of the increasing cost of fossil fuels and their impact on the environment, is placing significant demands for a more just and fair energy provision framework. Furthermore, for cheap clean energy to be made available to all population groups will require democratization of renewable energy technologies.

This short course will enable these efforts by bringing knowledge of the available renewable energy options to the fore. These options include solar, wind, biomass, ocean and others. The economic factors that impact the selection and implementation of a renewable energy system will also be presented to enable effective selection of workable solutions for a given application. Renewable energy is the future!

Who should attend?

▪ Anyone with a passion for renewable energy including policy makers, consultants, engineers, researchers, technologists, technicians and potential renewable energy users.

Outcomes

The core outcomes of this short learning programme include:

- Ability to identify the various sources of renewable energy
- Compute the availability of a variety of renewable sources
- Specify the equipment required to extract these renewable energy sources
- Evaluate economic feasibility for a given application

This will enable informed renewable energy system selection and implementation, especially for low cost, affordable and distributed systems.

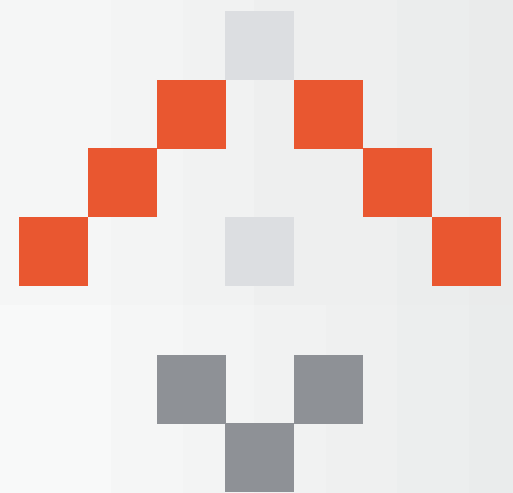
How to apply?

The SLP is housed within the University of Johannesburg's Faculty of Engineering and Built Environment. The entry level is NFQ 5.

- New Applications, please follow this [link](#) and use the Token: **FEBESLP**.
- If you are already registered at UJ or have been registered please follow this [link](#) and use your **student number and pin** to log in.
- Email the copies of your academic transcript, your highest obtained certificate and ID document to ujappdocs@listsrv.uj.ac.za and CC Ms Maggy Ngolwane (maggyn@uj.ac.za) with **your student number as the subject line** – to expedite your application. Ms Maggy Ngolwane is handling applications and registrations for the course.
- For further enquires please contact Elmarie Potgieter.
- Email address: peets@uj.ac.za
- Telephone number: +27 11 559 6430



FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT



Duration & Fees

Course date: 17 - 21 May 2021

This is a fully online course. All learning materials will be provided. A single assessment will be given at the end of the course. You will spend 150 hours in total on this course of which 110 hours are allocated to personal study. The fee for the online course is a total of R9 500.

For more information:
www.uj.ac.za/faculties/febe/peets

