APPROVED

EN8153: Renewable Energy Technology and Sustainability

Course Details

Course Code:	EN8153
Course Title:	Renewable Energy Technology and Sustainability APPROVED
Short Title:	Renewable Energy
Course Level::	Level 8
Valid From::	2019/2020 Sem 1
Credits::	15
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	Develop an understanding of renewable energy as environmental necessity and economic opportunity as well as a means to enable sustainable development. The students will be introduced in several alternative energy technologies and will focus on solar and wind power projects analysis and development according to the local and regional market needs.

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On Completion of this course, the learner will be able to	
#	**Learning Outcome Description**
1	Identify and critically evaluate current development and emerging trends within the field of renewable energy technologies.
2	Design sustainable renewable energy solutions for real world problems which address geographical, environmental and financial constraints.
3	Communicate sustainable energy projects outcomes with peer, technical and non-technical audience in written and verbal professional standards forms.

Requisites

- Pre Requisite: 60 credits at level 7 from the B.EngTech mandatory courses for the student's major

Examinations
Assessment Type Examination (Unseen)

Other Controlled Assessments
Assessment Type Lab Assignment

Uncontrolled Assessments
Assessment Type Practical Project

Affiliated Entities

Entity Code	Entity Title	Entity Version	Entity Type
None			