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MODULE DESCRIPTOR

Module Title

Renewable Energy Issues

Reference	LLM109	Version	1
Created	January 2022	SCQF Level	SCQF 11
Approved	September 2018	SCQF Points	15
Amended	September 2021	ECTS Points	7.5

Aims of Module

To develop the student's knowledge and critical understanding of renewable energy issues, and explore the sustainable development of energy by examining a variety of environmental issues.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Critically analyse what is meant by renewable energy and the main issues associated with it.
- 2 Articulate the highlights of the key significance of the Brundtland Commission as the first internationally acceptable definition of sustainable development.
- 3 Critically discuss the role of legislative process in changing and enforcing standards in renewable energy usage.
- 4 Evaluate critically various types of renewable energy and its corresponding legal ramifications.

Indicative Module Content

Introduction to renewable energies; its role in sustainable development; the corresponding legislation, regulations, protocols and treaties; the implementation and enforcement of the aforementioned

Module Delivery

Lectures, seminars, assigned reading, case studies, group activities, directed reading/research and a coursework assignment

Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	36
Non-Contact Hours	114	114
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	30%	Outcomes Assessed:	1, 2, 3, 4
Description:	Distance Learning: Forum postings (Weighting: 30%). Forum postings are assessed according to five criteria - frequency, follow-up, content contribution, references and clarity. On Campus: One coursework essay (Weighting: 30%)				

Component 2

Type:	Coursework	Weighting:	70%	Outcomes Assessed:	1, 2, 3, 4
Description:	One coursework essay (Weighting: 70%)				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The calculation of the overall grade for this module is based on 30% weighting of C1 (horizontal axis) and 70% weighting of C2 (vertical axis) components. An overall minimum grade D is required to pass the module.

		Coursework:						
		A	B	C	D	E	F	NS
Coursework:	A	A	A	B	B	B	E	
	B	B	B	B	C	C	E	
	C	B	C	C	C	D	E	
	D	C	C	D	D	D	E	
	E	D	D	D	E	E	E	
	F	E	E	E	E	F	F	
	NS	Non-submission of work by published deadline or non-attendance for examination						

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 CROSSLEY, P., 2019. "Renewable energy law: an international assessment" New York: Cambridge University Press.
- 2 ELLIOT, D., 2019. "Renewable Energy in the UK: past, present and future" Cham, Switzerland: Palgrave Macmillan.
- 3 EVERETT, B., PEAKE, S., WARREN, J.P., 2021. "Energy systems and sustainability: power for a sustainable future" 3rd edition. Oxford: Oxford University Press.
- 4 TWIDELL, J., 2022. "Renewable energy resources". 4th edition. London: Routledge.