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MODULE DESCRIPTOR

Module Title

Renewable Energy Management

Reference	BSM158	Version	3
Created	April 2017	SCQF Level	SCQF 11
Approved	September 2018	SCQF Points	15
Amended	August 2017	ECTS Points	7.5

Aims of Module

To provide managers with an understanding of the fundamental commercial and management diversity of the renewables/sustainable low-carbon energies portfolio. This module will examine the business opportunities of low-carbon energies including the industry structure, energy policies, financing, risk management, regulatory mechanisms and technologies.

Learning Outcomes for Module

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

1	To obtain a critical knowledge and understanding of key issues as they pertain to renewable and sustainable energy and develop a critical perspective of how the sector is developing and the ways in which it will continue to evolve.
2	Apply material to develop a critical and reflective approach to examining the debates in the renewable/sustainable energy sector.
3	Critically analyse and evaluate the key issues within the renewable energy sector including financial, commercial, political and regulatory practices developing across this sector.

Indicative Module Content

An overview of renewable and sustainable energy sources, technologies and industry structures. A critical review of the energy management challenges including energy economics, energy drivers, business drivers and energy priorities. Appraisal of business opportunities for players in the energy environment including coporate funding and the skills landscape. A consideration of the legal aspects of energy renewables in a UK, EU and International context. An introduction to energy policy within the UK, EU and International context. Case study analysis of renewable energy business opportunity appraisal and development.

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Module Delivery

This module is delivered in distance learning, part-time and full-time modes. The distance learning mode is delivered by self directed learning from web?based learning materials supported by online tutor interaction. The full-time and part-time modes are delivered through a series of interactive teaching sessions with an emphasis on student participation through case studies, group discussion, student presentations and plenary review.

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
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

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

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3
Description:	Written coursework				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The module is assessed by one component: C1 - Coursework- 100% weighting. Module Pass Mark = Grade D (40%)

Module Grade	Minimum Requirements to achieve Module Grade:
A	70% or above
B	60% - 69%
C	50% - 59%
D	40% - 49%
E	35% - 39%
F	0% - 34%
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.

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INDICATIVE BIBLIOGRAPHY

1	TWIDELL, J. and Weir, A.D., 2021. *Renewable Energy Resources.* 4th ed. London: Taylor & Francis. *ebook ebook*
2	PEAKE, S., 2017. *Renewable energy: Power for a Sustainable Future.* 4th ed. Oxford: Oxford University Press.
3	ARMSTRONG, J., 2022. *The Future of Energy: The 2023 guide to the energy transition.* Energy Technology Publishing.
4	INTERNATIONAL ENERGY AGENCY, 2023. *Energy Technology Perspectives 2023.* Paris: IEA. ebook
5	Journals: Renewable Energy; Renewable Energy Focus