

Module Details	
Module Title	Circular Economy Core Principle and Concepts (DL MBA)
Module Code	OIM7018-B
Academic Year	2023/4
Credits	20
School	School of Management
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Online Lecture (Synchronous)	25
Tutorials	18
Groupwork	75
Interactive Learning Objects	25
Directed Study	75

Availability	
Occurrence	Location / Period
DLA	University of Bradford / Semester 3

Module Aims
<p>To develop understanding of the core concepts and principles of 'circular economy' including in relation to your professional roles and forward career plans.</p> <p>To provide you with an opportunity to use and apply circular economy concepts, systems thinking, constructs and framework, in support of business problem appraisal and decision making.</p> <p>To develop group decision making skills, team work and negotiation skills.</p> <p>To analyse the impact of decisions and feedback in real time and adjust strategy.</p>

Outline Syllabus

- Circular Economy: historical origins, overall principles and concepts.
- Systems thinking: Complexity, feedback, Systems optimisation, Tipping points, and Unintended consequences.
- Language and framing.
- Natural and living systems, Biomimicry.
- Biological and technical nutrients and Cradle to cradle.
- Waste as feedstock.
- Energy and renewables.
- The role of money, finance and regulation in a circular economy.
- Product-service design ethos, Performance and service, Innovation and enterprise.

Learning Outcomes

Outcome Number	Description
01	Review and evaluate key concepts, principles and issues and circular economy thinking and action
02	Determine the significance of factors such as regulations and standards affecting the take up of circular economy principles in a range of settings
03	Review and evaluate patterns of thought and conditioning underpinning linear versus complexity
04	Specify key elements of systems and feedback loops with specific reference to ecological systems
05	Evaluate the differences and implications of systems versus non-systems based approaches
06	Critically appraise a circular economy simulation case study and assess its potential translation into a new or different setting
07	Review and redesign a system based on principles of circularity versus a linear based approach
08	Appraise a business problem or scenario from a system optimisation or a balancing design strategy
09	Assemble, co-ordinate and review complex stakeholder, legal, financial and technical information and be able to form sound and reasoned judgements in light of uncertainty, risk and opportunity creation
10	Complete a group based simulation for a circular economy business scenario
11	Generate a self and peer assessment to evaluate the group decision making process for a circular economy simulation

Learning, Teaching and Assessment Strategy

You will engage in learning through a series of directed study activities and online tutorials. Study guide and text book readings, supported by audio recordings and powerpoint slides will introduce important concepts.

Online tutorial sessions will enable you to engage in debate with your peers and tutor about important ideas and contemporary business problems.

Assessment will be an online business simulation which is conducted as a group accompanied by individual assessment of the group decision making process and modelling results.

Assessment will be by two assignments. One focused on knowledge and understanding and one on subject specific and personal transferable skills.

Mode of Assessment

Type	Method	Description	Weighting
Summative	Presentation	20 minute group presentation	50%
Summative	Coursework - Written	Individual written assignment (2000 words)	50%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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