

FB8058I: INNOVATIONS IN SUSTAINABLE BUSINESS

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

Innovations in Sustainable Business

Subject Code

FB - College of Business (FB)

Course Number

8058I

Academic Unit

College of Business (CB)

College/School

College of Business (CB)

Course Duration

One Semester

Credit Units

3

Level

D8 - Professional Doctorate

Medium of Instruction

Chinese (Putonghua)

Medium of Assessment

Chinese

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

In this course, students will explore the dynamic relationship between sustainability and innovation. Participants will learn how sustainability acts as a catalyst for innovative practices, examine real-world examples of innovations that enhance sustainability, and engage in the creation of their own sustainable solutions.

Key topics covered will include models of technological change, systems approaches to innovation, intellectual property rights, research and development, and in-depth case studies from various sectors related to sustainability. This course aims to equip students with the knowledge and skills necessary to drive sustainable innovation in today's business landscape.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Describe the basic concepts and methodologies related to the field of sustainable innovation as well as the role of different business and organisational functions regarding innovation.	25%	x	x	
2	Articulate issues and challenges in designing and implementing innovation to sustainable business.	25%	x	x	
3	Evaluate various approaches to innovation for addressing sustainability challenges.	25%	x	x	x
4	Discuss the impact of innovation on sustainable business, both at a conceptual and a practical level, including ethics and sustainability, economic and social benefits to the economy and local communities	25%	x	x	x

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	Lectures	Students will be provided with guidance on their readings and help them discover and acquire state-of-the art knowledge in major concepts and theories. The lectures will be supplemented by practical and updated cases to help students apply the knowledge learned to solving real-life business problems effectively and creatively	1, 2, 3, 4	
2	Readings	Students will have to consolidate the understanding on lecture information by reading literatures/ articles given.	1, 2, 3, 4	
3	Case study	Students will be exposed to current cases and help them discover and grasp major concepts and practices	1, 2, 3, 4	
4	Individual research projects	Students will be encouraged to critically evaluate important public policies and generate the ability to apply knowledge to solve real-life problems of business management or public administration effectively and creatively.	1, 2, 3, 4	

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks ("- " for nil entry)	Allow Use of GenAI?
1	Class participation	1, 2, 3, 4	20	The use of generative AI tools is recommended. However, copyright compliance must be carefully considered to avoid legal risks.	Yes

2	Presentation and discussion	1, 2, 3, 4	30	The use of generative AI tools is recommended. However, copyright compliance must be carefully considered to avoid legal risks.	Yes
3	Individual report	1, 2, 3, 4	50	The use of generative AI tools is recommended. However, copyright compliance must be carefully considered to avoid legal risks.	Yes

Continuous Assessment (%)

100

Assessment Rubrics (AR)**Assessment Task**

Class Participation (20%)

Excellent

(A+, A, A-) Provides interesting, complex, and creative arguments, cases, and conclusions to relevant topics in class, as in Good but stating a point of view in own voice and with originality, thoroughly grounded in the arguments and generating new issues.

Good

(B+, B, B-) Provides well-rounded arguments, cases, and conclusions to relevant topics in class, good grasp of theory/ conceptual framework and what questions need to be asked. Arguments balanced, creative, well-structured and convincing, leading to a well-reasoned conclusion.

Fair

(C+, C, C-) Provides some arguments, cases, and conclusions to relevant topics in class, refers to related theory/ conceptual framework and the relevance to real-life situations. Draws on points from prevalent models or conceptual frameworks, but has difficulty in coming to a convincing conclusion.

Marginal

(D) Provides fragmented arguments, cases, and conclusions to relevant topics in class. Some points made but descriptive in nature, arguments unconvincing.

Failure

(F) Fail to participate in class.

Assessment Task

Presentation and discussion (30%)

Excellent

(A+, A, A-) Interesting and creative account of key issues and its relevance to real-life situations, excellent grasp of related theory/ conceptual framework and what questions need to be asked. As in Good but stating a point of view in own voice and with originality. Conclusion leads to a novel conclusion, thoroughly grounded in the arguments and generating new

issues. Excellent presentation skills including outstanding eye contact with audience, verbal delivery, visual aids and time management.

Good

(B+, B, B-) A well-rounded account of the key issues and its relevance to real-life situations, good grasp of theory/conceptual framework and what questions need to be asked. Most/all relevant points drawn from prevalent models or conceptual frameworks, arguments balanced, creative, well structured and convincing, leading to a well-reasoned conclusion. Effective presentation skills including good eye contact with audience, verbal delivery, visual aids and time management.

Fair

(C+, C, C-) Describes the key issues, refers to related theory/ conceptual framework and the relevance to real-life situations. Draws on points from prevalent models or conceptual frameworks, presents some arguments but has difficulty in finding a resolution and in coming to a convincing conclusion. Satisfactory presentation skills including reasonable eye-contact with audience, verbal delivery, visual aids and time management.

Marginal

(D) Presents enough to describe what the key issues are about. Some points made but descriptive in nature, arguments unconvincing. Conclusion is incomprehensive and lacking in balance. Unsatisfactory presentation skills including poor eye contact with audience, verbal delivery, visual aids and time management.

Failure

(F) Fail to participate in class for the assignments

Assessment Task

Individual Report (50%)

Excellent

(A+, A, A-) The report has a higher degree of originality and internalization to form a well-defined perspective on the issues. Strong evidence of reflection on own position based on a comprehensive understanding of theory/conceptual framework and the contemporary context. Generalizes principles, models or practices to generate new insights and questions. A soundly structured assignment with balanced and compelling conclusions thoroughly grounded in the arguments presented.

Good

(B+, B, B-) The report demonstrates a good appreciation of the issues, theory/conceptual framework and the contemporary context with indications of reflection on own position. Some new insights and questions offered with clear evidence of learning from the assignment and of the ability to apply it. A well structured, original assignment with conclusions properly grounded in the arguments and convincingly justified.

Fair

(C+, C, C-) The report is relevant, accurate but they fall short of a comprehensive understanding of the issues, theory/ conceptual framework and the contemporary context. Some evidence of learning from the assignment and of the ability to apply it. Fair justification of arguments and conclusions but little originality demonstrated. Assignment structure needs improvement.

Marginal

(D) The arguments are relevant and accurate but isolated, addressing the issues only in part and lacking both a strong grounding in theory/ conceptual framework and understanding of the contemporary context. No originality, weak justification of conclusions and poorly structured.

Failure

(F) Little evidence of familiarity with the subject matter; Fail to submit the individual paper.

Part III Other Information

Keyword Syllabus

Innovation; Systems Approaches to Innovation; Innovation Policy; Intellectual Property; Measurement of Innovation; National Innovation System; Innovation for Energy and the Environment; Innovation Policies for Sustainability

Reading List

Compulsory Readings

Title	
1	Readings will be assigned in class and online.

Additional Readings

Title	
1	Other readings specified by the instructor may be added.