Course Specification
(Bachelor)

Course Title:	**Introduction to Sustainability**
Course Code:	**SUS101**
Program:	*Enter Program Name.*
Department:	*Enter Department Name .*
College:	
Institution:	**University Of Business and technology UBT**
Version:	*Course Specification Version Number*
Last Revision Date:	**15 January 2024**

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (2 CHR)					
2. Course type					
A.	☒ University	☐College	☐Department	☐Track	☐Others
B.	☐Required		☐Elective		
3. Level/year at which this course is offered: (……)					
4. Course General Description:					

This course provides a foundational understanding of sustainability, exploring its environmental, social, economic and personal dimensions. Students will learn about the principles of sustainable development, the challenges and opportunities associated with sustainability, and how these concepts apply to various aspects of life. Additionally, the course explains the sustainable development goals and discusses the application of sustainable development strategies in the Kingdom of Saudi Arabia in alignment with Vision 2030.

5. Pre-requirements for this course (if any):
Eng 102
6. Co-requisites for this course (if any):
None
7. Course Main Objective(s):

- Understand the core concepts of sustainability and sustainable development.
- Explore the triple bottom line (environmental, social, and economic dimensions) of sustainability.
- Analyze the global challenges related to sustainability, including climate change, resource management, and social equity.
- Evaluate the role of individuals, communities, businesses, and governments in promoting sustainability.
- Develop practical skills and strategies for implementing sustainable practices in daily life and future careers.
- Understand the relationship between sustainability and the UN Sustainable Development Goals (SDGs) and their relevance to KSA Vision 2030.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	2	100%
2	E-learning	0	
3	Hybrid • Traditional classroom • E-learning	0	
4	Distance learning	0	

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	30
2.	Laboratory/Studio	-
3.	Field	-
4.	Tutorial	-
5.	Others (specify)	-
Total		30

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Define foundational concepts of sustainability, including sustainable development and the triple bottom line (environmental, social, and economic dimensions).		Lectures Flip class	Assignment,
1.2	Describe global sustainability challenges, such as climate change, resource management, and social equity, using case studies.		Lectures Flip class	Assignment,
1.3	Explain the role of sustainable practices within the context of Saudi Vision 2030 and their alignment with the UN Sustainable Development Goals (SDGs).		Lectures Flip class Open discussions	Assignment ,
2.0	Skills			
2.1	Present research/project findings on sustainability topics through structured reports and presentations.		Lectures Open discussions Case studies	Final project/ Presentation
2.2	-Analyze the global challenges related to sustainability, including climate change, resource		Case studies	Final Project

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
	management, and social equity.			
2.3	-Evaluate the role of individuals, communities, businesses, and governments in promoting sustainability.		Case studies	Final project
3.0	**Values, autonomy, and responsibility**			
3.1	Demonstrate commitment to promoting ethics and responsibility through course work and group projects		Lectures Open discussions Case studies	Community engagement

C. Course Content

No	List of Topics	Contact Hours
I.	**Introduction to Sustainability concepts**	**4**
II.	**Sustainability models**	**4**
III.	**Environmental Dimension of Sustainability**	**4**
IV.	**Social Dimension of Sustainability**	**4**
V.	**Economic Dimension of Sustainability**	**4**
VI.	**Personal Dimension of Sustainability**	**2**
VII.	**Assessment and monitoring tools**	**2**
VIII.	**Sustainable Development Goals and KSA vision 2030 (SDGs)**	**4**
IX.	**Challenges and implications**	**2**
Total		**30**

Course Outline

1. Introduction to Sustainability - Definition and Evolution of Sustainability - Key Concepts: Sustainable Development, Triple Bottom Line (People, Planet, Profit) - The Importance of Sustainability in Today's World - Global challenges related to sustainability (e.g., climate change, resource management..).
2. Environmental Dimension of Sustainability - Ecosystems and Biodiversity - Climate Change: Causes, Impacts, and Mitigation Strategies - Resource Management: Water, Energy, and Waste
3. Social Dimension of Sustainability - Social Equity and Justice - Human Rights and Ethical Responsibility - The Role of Education and Community Engagement in Sustainability
4. IV. Economic Dimension of Sustainability - Sustainable Business Practices - Green Economy and Circular Economy Concepts - Sustainable Consumption and Production –
5. Sustainable Development Goals (SDGs) –
6. Personal Dimension of Sustainability : Personal Responsibility and Lifestyle Choices
7. introduction of assessment methods and tools
8. Case studies highlighting countries that excel in specific SDGs. - Link between the SDGs and Vision 2030 in Saudi Arabia.

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Class Participations		**10%**
2.	Assignments / Reflections /case studies		**20%**
3.	SDG project (Students select an SDG analyze		**20%**
4.	Community engagement/service learning (Students volunteer in sustainability focus organization or activity then submit a report on their experience)		**10 %**
5.	Group Project (Sustainability Audit /action plan)		**40%**

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
	Total		**100%**

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	An Introduction to Sustainability: Environmental, Social and Personal Perspectives (Mulligan, Martin. *Introduction to sustainability*. Taylor & Francis, 2017)
Supportive References	Sustainability Principles and Practice by Margaret Robertson
	"Introduction to Sustainability" by Robert Brinkmann
	"Sustainability: A Comprehensive Foundation" by Tom Theis and Jonathan Tomkin "The Age of Sustainable Development" by Jeffrey D. Sachs
Electronic Materials	SDG resources, sustainability calculators
Other Learning Materials	Academic Articles and Case Studies, Documentaries and Videos

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	**Lecture room, seminar room**
Technology equipment (projector, smart board, software)	**Smart board**
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect - Students Feedback through Course Evaluation survey
Effectiveness of Students assessment	· Peer Reviewer · HOD · External reviewer	Direct- In class peer observation Course Portfolio review Pass rate & grade distribution
Quality of learning resources	· Faculty members · Peer faculty · Course coordinator · External reviewer	
The extent to which CLOs have been achieved	· Department Quality Committee · External reviewer	
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

Council /C0mmittee	
Reference No.	
Date	