ACADEMIC YEAR	2021/2022		
Course Code & Title	INTE430 IT and Society		
Credit hours	3	**Level of study**	DIPLOMA / GRADUATE
College / Centre	College of Business Administration		
Co-requisites	NA	**Pre-requisites**	

1.   COURSE OUTLINE

This course provides a comprehensive overview of Information Technology and its implications in society. It explores the major social, political and technological issues surrounding the introduction of information technology (IT) into everyday life. The revolution in information technology can be useful in changing the socio-economic lives of the people substantially.
This course critically evaluates the implications of IT revolution in the societal and political scenario globally.

2.   AIMS

This course aims to comprehend the different aspects of the relationship between Information technology and Society and its directives for future innovations. Attention will be given to make strong the nature of technology and its impact on the process of innovation that is driven by societal relationships and pressures. It will also enable students to reflect upon the technologies that reinforce the structures of social, economic and political power in society.

Students will examine how technology is affected at a fundamental level by the social contexts in which it develops, challenging the common view that technological change follows its logic of progress, independent of human actors. They will develop critical thinking skills to understand how technology is shaped by social factors and how technology contributes to shaping society by examining various case studies.

3.   LEARNING OUTCOMES, TEACHING, LEARNING ,ASSESSMENT METHODS , and Graduate Attributes Mapping

Learning Outcomes *(Definitive)* Upon successful completion of this course, students will be able to**:**	Teaching and Learning methods *(Indicative)*	Assessment *(Indicative)*	Graduate Attributes Mapping
1. Explore, within historical and contemporary contexts, the societal implications of technology.	Lectures and Readings	Midterm Tests and Quizzes	Knowledge of a discipline. Commitment to national development and Omani ethical values. Global insight.

				Adaptability to changing environments.
2.	Identify the social forces that affect the adoption of technology and innovation.	Discussions and Writings	Assignments and Homeworks	Knowledge of a discipline. Commitment to national development and Omani ethical values. Global insight. Adaptability to changing environments.
3.	Consider the public policy implications of innovation.	Lectures and Readings	Midterm Exam and Quizzes	Knowledge of a discipline. Commitment to national development and Omani ethical values. Global insight. Adaptability to changing environments.
4.	Recognizing the changing nature of technology and its impact on society.	Discussions and Writings	Case Study report	Knowledge of a discipline. Commitment to national development and Omani ethical values. Global insight. Adaptability to changing environments.

4.   ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Midterm Exam:1	25
Midterm Exam:2	25
Assignment / Homework	10
Final Exam	40
TOTAL	**100%**

5.   ACHIEVING A PASS

Students will achieve **3** credit hours for this course by passing **ALL** of the course assessments *[alternatively, list the compulsory pass assessments*]* and achieving a **minimum overall score of 50%**

NB *Ensure that ALL learning outcomes are taken into account

6.   COURSE CONTENT (Indicative)

LECTURE TOPIC	TIME (HOURS)
Chapter:1 – The Nature of Technology	
Defining Technology – Technological Advance and the image of Progress	3
Technology and Rationality – Living in a Technological Society – Questions for Discussion	3
Chapter:2 – The Sources of Technological Change	
Technological Change as a social process – The Great Breakthrough – Putting it all together – Clearing Bottlenecks through Technology Transfer – How Market Economies Drive Technological Innovation	3
Obstacles to Innovation in Centrally Planned Economies – Noneconomic Sources of Technological Advance – Questions for Discussion	3
Chapter:3 – Scientific Knowledge and Technological Advance	
The Historical Separation of Science and Technology – How Technology Differs from Science	3
How Technology Facilitates Scientific Discovery – The Commonalities of Science and Technology – Questions for Discussion	3
Chapter:4 – Technology and Jobs: More of One and Less of the Other?	
The Technological Threat in Historical Perspective – How Technology Creates Jobs – The Indirect Effects of New Technologies on Employment	3
Technology, Globalization and Jobs – Rebounding from Job Losses – Benefits, but Disruption Too – Questions for Discussion	3
Chapter:5 – Technological Change and Life on the Job	
Industrial Production – Machine-paced Labor – Is Technology to Blame? – Industrial Technology and the Division of Labor	3
Industrial Work and Recent Technological Developments – Technological Change and White-Collar Work	3

Telework – The "Gig Economy" – Smart Technologies and Dump Jobs? – Questions for Discussion	1.5
Chapter:6 – The Internet Age	
The Birth and Growth of the Internet – Social Media and the Network Effect – Mobile Communications	3
Social Media and Social Movements – Privacy in the Digital Age – The Electronic Media in Modern Society – Questions for Discussion	3
Chapter:7 – Organizations and Technological Change	
Technology as a cause of Organizational Structure – Organizational Size and Technological Innovation	3
Organizations and New Information Technologies – Inter-organizational Relations and Technological Development	3
Entrepreneurs and Organization – Questions for Discussion	1.5
TOTAL HOURS	**45**
Plus **RECOMMENDED INDEPENDENT STUDY HOURS**	
TOTAL COURSE HOURS	**45**

7.   RECOMMENDED READING

Core text/s:

Eighth Edition, Society and Technological Change – Rudi Volti, Pitzer College, Worth Publishers, Macmillan Learning. ISBN – 978-1-319-12972-9, www. macmillanlearning.com (Copy of textbook available for reference in A'Sharqiyah University Library.

Library + online resources:
https://www.oercommons.org/authoring/25948-impact-of-technology-on-society