ECONOMICS OF INFORMATION AND TECHONOLGY

1	Course Title:	ECONOMICS OF INFORMATION AND TECHONOLGY
2	Course Code:	IKT4309
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	7
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	No prerequisitie
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. Cem Okan Tuncel
15	Course Lecturers:	Doç.Dr. Cem Okan Tuncel
16	Contact information of the Course Coordinator:	Prof. Dr. Mehmet ASLANOĞLU aslanog@uludag.edu.tr, 0224 294 10 98, Uludağ Üniversitesi, İktisat Bölümü, Görükle Kampüsü,Nilüfer/BURSA
17	Website:	
18	Objective of the Course:	Defining technology and knowledge, the role of technology in economic growth.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

		1	Students will be able to define technology and knowledge
		2	Students will be able to explain difference between industrial and post industrial transformation
		3	Students will be able to learn the characteristics of information society
		4	Students will be able to learn the social and economic effects of changes in production systems
		5	Students will be able to examine the properties of post industrial society
		6	Students will be able to learn techno-economy policies in various countries
		7	Students will be able to learn Knowledge types, knowledge goods
		8	Students will be able to learn the role of technology in economic growth
		9	Students will be able to understand technological changes
		10	Students will be able to learn new world economic system

21	Course Content:	

Course Content:	
Week	Theoretical	Practice
1	General framework	

2	Technology Concepts and Components		
3	Industrial Revolution to the Post-Industrial Transformation		
4	General Features of post-Industrial Society		
5	Characteristics of the New Economy		
6	Technology Acquisition		
7	Knowledge Types		
8	Knowledge Goods		
9	The social problems of the Information Society		
10	Techno-economy Policies (Far East, Japan, Germany, Asia, USA)		
11	Techno-economy Policies (Türkiye)		
12	The social and economic effects of changes in production systems		
13	The role of technology in economic growth		
14	The sources of technology changes		

22	Textbooks, References and/or Other Materials:	1- Cihan Dura ve Hayriye Atik. (2002), Bilgi Toplumu, Bilgi Ekonomisi ve Türkiye, İstanbul: Literatür Yayınları. 2- Mehmet Aslanoğlu, Sanayinin Örgütlenmesinde Esnek Uzmanlaşma Yaklaşımı, Ezgi Kitabevi, Bursa, 2001 3-Beije, P. (1998), Technological Change in the Modern Economy, E:E, USA.

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	4.00	56.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	20.00	20.00
Others	0	0.00	0.00
Final Exams	1	25.00	25.00
Total Work Load			163.00
Total work load / 30 hr			4.77
ECTS Credit of the Course			5.00

Süreçleri Üzerine Bir Alan Araştırması, Nilüfer Akkılıç Kütüphanesi Yayınları, Bursa

23	Assessment				
Midterm Exam	1	40.00			
Home work-project	0	0.00			
Final Exam					
Total	2	100.00			
Contribution of Term (Year) Learning Activities to Success Grade	40.00				

Total	100.00		

Measurement and Evaluation Techniques Used in the Course	

24	**ECTS / WORK LOAD TABLE**

25	**CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS**															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	5	3	4	4	3	4	4	4	4	5	5	0	0	0	0
ÖK2	4	5	4	4	4	4	3	3	3	4	4	4	0	0	0	0

ÖK3	5	5	4	4	4	5	4	3	3	3	4	4	0	0	0	0
ÖK4	4	4	3	4	5	5	4	4	5	4	5	5	0	0	0	0
ÖK5	4	4	4	5	4	4	4	4	3	3	4	4	0	0	0	0
ÖK6	5	5	4	4	4	4	4	4	4	4	4	4	0	0	0	0
ÖK7	5	4	5	4	5	3	4	5	5	5	4	4	0	0	0	0
ÖK8	5	4	4	4	5	3	4	3	5	4	4	4	0	0	0	0
ÖK9	4	5	5	4	5	3	4	3	3	4	4	4	0	0	0	0
ÖK10	4	4	4	4	4	3	3	3	3	4	4	4	0	0	0	0

LO: Learning Objectives   PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High