



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Industry Policies and Technological Development							
Course Code		İKP608		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	131 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		In the context of different economic theories to analyze the results of technological and economic dynamics gelişiminin, development and industrialization in developing economies the relationship between science-technology policies put forward theoretical sub-structure.							
Course Content		In the context of different economic theories to analyze the results of technological and economic dynamics gelişiminin, development and industrialization in developing economies the relationship between science-technology policies put forward theoretical sub-structure.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Alkan Soyak, Teknoekonomi: Seçme Yazılar, Der Yayınları, İstanbul, 2008
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to technology economics
2	Theoretical	Conceptualization of technology and technological development in different economic theories: Neoclassica, Marksist and Schumpeterian
3	Theoretical	Industrial and Technology policy : Aims and Instruments
4	Theoretical	Technology policy R&D Subsidies
5	Theoretical	Technology Policy: Intellectual and Industrial property rights
6	Theoretical	National Innovation Systems and Government's Role
7	Theoretical	National Technological Capability: Concept and problems of mensuration
8	Intermediate Exam	Midterm
9	Theoretical	Technological Catch-up and Industrial and Technology policies: South Korea
10	Theoretical	Evolution of industrial ant Technology policies in Turkey
11	Theoretical	EU's Technology policy and Turkey's harmonization problems
12	Theoretical	International competitiveness and Country cases
13	Theoretical	Strategic sectors in Turkey: Telecommunications
14	Theoretical	General evaluation
15	Theoretical	General evaluation
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Individual Work	14	1	2	42
Midterm Examination	1	8	1	9
Final Examination	1	9	1	10
Total Workload (Hours)				131
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Regard to the conceptualisation of technology and technological development, the students of neoclassical, and Marxist approaches Schumpeterian learn.
2	Students as technology policy, intellectual and industrial property rights with the support of R & D will learn.
3	Students of the European Union in Turkey with the development of industrial and technology policies can make the comparison of policies in science, technology and industry will come.
4	Students will understand the importance of international competitiveness factor in getting the technology, can become transnational comparative analysis will come.
5	Students will learn about Turkey is emerging sectors, these sectors will be able to distinguish the importance of technological factors.

Programme Outcomes (Economic Policy Doctorate)

1	To be able to understand and interpret basic economic concepts, theories and methods
2	To be able to apply mathematical, statistical and econometric analysis tools to economic problems
3	To be able to interpret the structure and characteristics of the markets in the economy by understanding current economic events.
4	To be able to describe the role of innovation, creativity and technology in the dynamic global economy.
5	Ability to prepare projects and acquire creativity skills
6	Ability to analyze macro and micro economic developments
7	Being able to adopt the philosophy of lifelong learning

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	4	3	4
P2	3	4	4	3	4
P3	3	4	4	3	4
P4	3	4	4	3	4
P5	3	4	4	3	4
P6	3	4	4	3	4
P7	3	4	4	3	4

