Course Syllabus

Code - Course Title	**İKT457U - Economics of Science Technology and Innovation**
Course Type	VII. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Elective Courses
Course Instructor(s)	ASSOC. PROF. DR. İBRAHİM TUĞRUL ÇINAR

Mode of Delivery	Distance education
Prerequisites	This course does not have any prerequisites or corequisites.
Courses Recomended	İKT214U Macroeconomic TheoryİKT451U Economic Growth And Development
Recommended Resources	Taymaz, E. (Ed.). (2024, May). Economics of Science Technology and Innovation (Publication No. 4439). Anadolu University Publication. Eskişehir.
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		From Knowledge Creation to Innovation	
Week - 2		Measurement of R&D and Innovation	
Week - 3		Measurement of Private and Social Returns to R&D	
Week - 4		Technology and Economic Growth	
Week - 5		Midterm Review 1	
Week - 6		Midterm Review 2	
Week - 7		Technology, Technology Transfer and Economic Development	
Week - 8		Technology and Employment	
Week - 9		Innovation, Network Effects, and Digital Technologies	
Week - 10		Economics of Science, Technology and Innovation Policy	
Week - 11		Final Review 1	
Week - 12		Final Review 2	

Learning Outcomes

#	Learning Outcome
1	From Knowledge Creation to Innovation
2	Measurement of R&D and Innovation
3	Measurement of Private and Social Returns to R&D
4	Technology and Economic Growth
5	Technology, Technology Transfer and Economic Development
6	Technology and Employment
7	Innovation, Network Effects, and Digital Technologies
8	Economics of Science, Technology and Innovation Policy

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**