



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Technical Analysis							
Course Code		UEK527		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	126 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course									
Course Content									
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Necmi Gürsakal, R ile Programlama, Dora Yayınları, Bursa, 2014.
---	---

Week	Weekly Detailed Course Contents	
1	Theoretical	What's technical analysis? The philosophy of technical analysis
2	Theoretical	Efficient market hypothesis
3	Theoretical	Dow theory
4	Theoretical	Chaos theory and technical analysis
5	Theoretical	Graphical instruments in technical analysis, Candle, ÜÇK, Renko, Bar Charts
6	Theoretical	Train and channels in technical analysis, trend breaks
7	Theoretical	Technical analysis measures: Stochastic, RSI
8	Theoretical	Study week
9	Theoretical	Midterm
10	Theoretical	Technical analysis measures: MFI, MOMENTUM
11	Theoretical	Technical analysis measures: MACD
12	Theoretical	Fibonacci Ratio, Golden Ratio and Fibonacci Step Back Levels
13	Theoretical	Fibonacci curves and fans
14	Theoretical	Fibonacci curves and time lines

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	6	3	126
Total Workload (Hours)				126
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Understands technical analysis and its basic philosophy.
2	Applies Efficient Market Hypothesis, Dow theory, Chaos theory to technical analysis.
3	Makes the graphical application of technical analysis.
4	Knows and compares technical analysis methods.
5	Observes advanced analysis techniques.

Programme Outcomes (Applied Econometry Interdisciplinary Master)

1	Will be able to collect data related to social and economic topics.
---	---



2	Will be able to get raw data ready for statistical and econometric analysis.
3	Will be able to build econometric models that describe the data generating process behind data.
4	Will be able to interpret the results that are obtained through econometric analysis.
5	Will be able to conduct an independent empirical research project from start to finish.

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	2	5	1	5	3
P2	2	1	5	5	2
P3	5	2	3	5	1
P4	1	5	5	2	5
P5	2	3	3	2	3

