



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Derivative Tools							
Course Code		EFN574		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	125 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The aim of the course is to provide students with knowledge / skills about derivative instruments traded on Futures and options exchanges.							
Course Content		The course provides students with basic concepts, methods and approaches on financial risks and financial derivatives. "Forwards", "futures", options, "swaps" and other related derivative tools are taught.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	SPL yazarları (2017), Derivative Instruments, Markets and Risk Management, İstanbul: Sermaye Piyasası Lisanslama Sicil ve Eğitim Kuruluşu
2	Hull,J. (2012), Options, Futures and Other Dervatves, New Jersey: Prentce Hall

Week	Weekly Detailed Course Contents	
1	Theoretical	Introducing Financial Instruments and Derivatives
2	Theoretical	Derivatives Markets
3	Theoretical	Futures Contracts
4	Theoretical	Forward Transactions
5	Theoretical	Futures Transactions
6	Theoretical	Option Transactions
7	Theoretical	Future, Forward and Option General Practices
8	Intermediate Exam	Midterm
9	Theoretical	Swap Transactions
10	Theoretical	Swap Types, Interest and Exchange Swap
11	Theoretical	Other Derivative Tools
12	Theoretical	Using Derivative Instruments on Risk Management
13	Theoretical	Hedging and Arbitrage Strategies
14	Theoretical	General Practises
15	Theoretical	General Practises
16	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Individual Work	7	2	2	28
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	To classify derivative instruments
2	To know the features and usage of "Forwards", "futures", options and "swaps" tools and other derivative tools connected to them
3	To calculate the price of derivative instruments
4	To be able to compare derivative instruments
5	Having basic analytical skills in earning value and pricing of derivative instruments

**Programme Outcomes** (*Economics and Finance Interdisciplinary Master*)

1	To be able to use the basic concepts in the field of economics and finance correctly
2	To be able to comprehend philosophical, social, historical and psychological principles influencing economics and finance
3	To be able to analyze economical and financial events theoretically and empirically
4	To be able to evaluate any economical and financial problem in accordance with scientific principles
5	To be able to prepare solutions for an economical or financial problem cooperatively in accordance with principles and criteria
6	To be able to follow contemporary implementations, and national and international academic publications
7	To be able to prioritize scientific methods and ethical principles in economics and finance while considering and implementing field specific professional issues
8	To be willing to do scientific research in the field of economics and finance
9	To be able to create value for economics and finance profession as a professional identity

**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	4	4	4	4	3
P2	3	3	4	4	4
P3	4	4	3	3	3
P4	4	4	4	3	4
P5	3	3	4	4	4
P6	5	4	3	5	4
P7	4	3	5	4	3
P8	2	4	4	3	4
P9	3	4	3	4	4

