AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Cell Death Mechanisms and Applications to Cancer Therapy								
Course Code	TIB624		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	6	Workload	151 *(Hours)*	Theory	2	Practice	2	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	1. Apoptosis, Pysiology and Pathology - Douglas R. Green and John C. Reed – Cmbridge University press 2011
2	2. NCBI Pubmed ve güncel bilimsel yayınlar

Week	Weekly Detailed Course Contents	
1	Theoretical	Cell death – The general principles
2	Theoretical	Cell death in organs and tissues
3	Theoretical	Cell death in simple organisms I
4	Theoretical	Cell death in simple organisms II
5	Theoretical	The kinetics of cell proliferation
6	Theoretical	Cancer genetics and cell cycle
7	Theoretical	Regulation of cell death
8	Intermediate Exam	Midterm Exam
9	Theoretical	Anti Cancer therapies
10	Theoretical	Chemotherapy applications
11	Theoretical	Alkylating agents
12	Theoretical	Entracyclins
13	Theoretical	Anti metabolites and atifolates
14	Theoretical	Other therapies, unproven methods in cancer therapy
15	Theoretical	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	4	2	78
Lecture - Practice	13	3	2	65
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
			Total Workload (Hours)	151
			[Total Workload (Hours) / 25*] = **ECTS**	6
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	
2	
3	

4	
5	

Programme Outcomes *(Medical Biology Doctorate)*	
1	To acquire fundamental knowledge on medical biology field
2	To gain expertise on molecular biology techniques
3	To utilize molecular biology techniques
4	To be able to construct and conduct a research project
5	To be able to follow and interpret scientific advancements

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	4	4	2	2
P2	2	2	2	4	5
P3	2	2	2	3	3
P4	2	2	2	3	3
P5	3	2	2	3	3