AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Cancer Genetics								
Course Code	TIB625		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	4	Workload	102 *(Hours)*	Theory	2	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	1. The Biology of Cancer – Robert A. Weinberg – Garland Science - Second edition 2013
2	2. Apoptosis, Pysiology and Pathology - Douglas R. Green and John C. Reed – Cmbridge University press 2011
3	3. NCBI Pubmed ve güncel bilimsel yayınlar

Week	Weekly Detailed Course Contents	
1	Theoretical	General principals of Molecular genetics
2	Practice	Introduction to Cancer Biology I
3	Theoretical	Introduction to Cancer Biology II
4	Theoretical	Cancer molecular genetics I
5	Theoretical	Cancer molecular genetics II
6	Theoretical	Cancer genetics and cell cycle
7	Theoretical	Regulation of Cell Death
8	Intermediate Exam	Midterm Exam
9	Theoretical	Genetic Factors
10	Theoretical	Oncogenes
11	Theoretical	Tumor suppressor genes
12	Theoretical	DNA repair genes
13	Theoretical	Methods to study cancer genetics I
14	Theoretical	Methods to study cancer genetics II
15	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	4	2	78
Midterm Examination	1	10	2	12
Final Examination	1	10	2	12
			Total Workload (Hours)	102
			[Total Workload (Hours) / 25*] = **ECTS**	4
**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	3	3	3	2	2
P5	3	2	2	4	3