



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Light Microscopy Laboratory Techniques							
Course Code		THE624		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		ability to have information about light microscopy laboratory techniques							
Course Content		Explains the use of light microscope and the issues to be considered in the examination of tissues.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Histoloji Konu Anlatımı ve Atlas
---	----------------------------------

Week	Weekly Detailed Course Contents	
1	Theoretical	general knowledge about light microscopy
2	Theoretical	resolution
3	Theoretical	resolution
4	Theoretical	optic parts
5	Theoretical	lens
6	Theoretical	oculars
7	Theoretical	mechanical parts
8	Intermediate Exam	mid-term exam
9	Theoretical	using the microscope
10	Practice	using the microscope
11	Practice	using the microscope
12	Theoretical	microscope maintenance
13	Theoretical	microscope maintenance
14	Practice	examination of preparations
15	Theoretical	general overview

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Lecture - Practice	11	2	3	55
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	ability to have information about light microscopy
2	ability to have information about resolution
3	ability to have information about using microscope
4	ability to have information about microscope maintenance
5	ability to have information about examination of preparations



Programme Outcomes (Histology and Embryology Medical) Doctorate)

1	To have basic laboratory skills and attitudes
2	To be a scientist with strong educational background and presentation.
3	To have information about laboratory safety
4	To learn the histology and embryonic development of related organs and systems
5	To know the differences between related organs at the tissue level.

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

