



**AYDIN ADNAN MENDERES UNIVERSITY**  
**GRADUATE SCHOOL OF HEALTH SCIENCES**  
**HISTOLOGY AND EMBRYOLOGY**  
**HISTOLOGY AND EMBRYOLOGY (MEDICAL)**  
**HISTOLOGY AND EMBRYOLOGY (MEDICAL) MASTER'S WITHOUT THESIS**  
**COURSE INFORMATION FORM**

Course Title	Basic Tissue Processing Techniques								
Course Code	THE535	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	6	Workload	154 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	LEARNING TISSUE TRACKING METHODS								
Course Content	TISSUE TRACKING METHODS								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

#### Assessment Methods and Criteria

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

#### Recommended or Required Reading

1	ROSS HISTOLOGY
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Week	Weekly Detailed Course Contents	
1	Theoretical	PREPARATION FORMALDEHIT
2	Theoretical	DETECTING TEXTURE
3	Theoretical	DEHIDRATION
4	Theoretical	TRANSPARENCY AND FILLING
5	Theoretical	PARAFINE TRANSMISSION
6	Theoretical	SCREENING -BOYAMA
7	Theoretical	HEMATOXYLENE-EOSIN PAINTING
8	Intermediate Exam	MID-TERM EXAM
9	Theoretical	SPECIAL PAINTING TECHNIQUES
10	Theoretical	SPECIAL PAINTING TECHNIQUES
11	Theoretical	SPECIAL PAINTING TECHNIQUES
12	Theoretical	SPECIAL PAINTING TECHNIQUES
13	Theoretical	SPECIAL PAINTING TECHNIQUES
14	Theoretical	GENERAL OVERVIEW
15	Theoretical	GENERAL OVERVIEW
16	Final Exam	FINAL EXAM

#### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	4	98
Lecture - Practice	14	1	3	56
Total Workload (Hours)				154
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS

#### Learning Outcomes

1	LEARNING TISSUE DETERMINATION
2	LEARNING EMBEDDING
3	LEARNING CUTTING
4	LEARNING PAINTING



## 5 LEARNING SPECIAL PAINTING METHODS

**Programme Outcomes** (*Histology and Embryology (Medical) Master's Without Thesis*)

1	To have detailed information about cell structure and function at microscopic level
2	To have theoretical and practical knowledge about experimental methods used in histology
3	To know the ethical rules for publishing and presenting a scientific study
4	To have sufficient knowledge about the laboratory methods used in fertilization and assisted reproduction
5	to have enough knowledge about the general characteristics of human embryology

**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	3	3
P2	3	3	4	3	4
P3	3	4	4	3	3
P4	3	3	4	3	4
P5	3	4	4	3	4

