Graduate School of Health Sciences / Histology and Embryology Ph.D.

2024 - 2025 Academic Year

LITERATURE I

Syllabus

Course Description					
Name	**Code**	**Semester**	**T+A Hour**	**Credit**	**ECTS**
LITERATURE I	HSED1169380	Fall Semester	2+0	2	4

Prerequisites Courses	
Recommended Elective Courses	
Language of Instruction	Turkish
Course Level	Third Cycle (Doctorate Degree)
Course Type	Elective
Course Coordinator	Prof.Dr. İlknur KESKİN
Name of Lecturer(s)	Prof.Dr. İlknur KESKİN, Prof.Dr. Tangül MÜDOK
Assistant(s)	
Aim	The aim of this subject is to provide up-to-date information about the science and methods that histology adds to applied sciences.
Course Content	This course contains; Discussing an article about microscopy physiscs,Discussing an article about microscope types,Discussing an article about magnetic MRI microscope,Discussing an article about fluorescent microscope,Discussing an article about embryology-1,Embryology study related article-2,Midterm exam,Discussing an article about advanced histologic techniques,Discussing an article about histotechnology and histologic diagnosis-1,Discussing an article about histotechnology and histologic diagnosis-1,Discussing an article about cell cycle,Discussing an article about stem cell study-1,Discussing an article about stem cell study-2,Final exam.

Course Learning Outcomes	**Teaching Methods**	**Assessment Methods**
Determines the importance of basic sciences within applied sciences.	14, 18, 9	
Explains basic information about histology.	10, 14, 18, 9	E
It evaluates by making comparisons in every branch of applied sciences.	10, 14, 18, 9	
They analyze the articles they read or listen to.	10, 14, 18, 9	E
Explains histotechnology and microscopy methods and principles in applied sciences.	10, 14, 18, 9	E
Evaluates data in basic sciences and applied sciences.	10, 14, 18, 9	E

Teaching Methods	10: Discussion Method, 14: Self Study Method, 18: Micro Teaching Technique, 9: Lecture Method
Assessment Methods	E: Homework

Lecture Schedule

Sequence	**Topics**	**Preliminary Preparation**
1	Discussing an article about microscopy physiscs	Conducting a literature review.
2	Discussing an article about microscope types	Conducting a literature review.
3	Discussing an article about magnetic MRI microscope	Conducting a literature review.
4	Discussing an article about fluorescent microscope	Conducting a literature review.
5	Discussing an article about embryology-1	Conducting a literature review.
6	Embryology study related article-2	Conducting a literature review.
7	Midterm exam	-
8	Discussing an article about advanced histologic techniques	Conducting a literature review.
9	Discussing an article about histotechnology and histologic diagnosis-1	Conducting a literature review.
10	Discussing an article about histotechnology and histologic diagnosis-1	Conducting a literature review.
11	Discussing an article about cell cycle	Conducting a literature review.
12	Discussing an article about stem cell study-1	Conducting a literature review.
13	Discussing an article about stem cell study-2	Conducting a literature review.
14	Final exam	-

Evaluation Methods	**Weight(%)**
Midterm Exam	50
General Exam	50

Resources
Literature about the subject, pubmed