

Vocational School of Health Services / Pathology Laboratory Techniques

2024 - 2025 Academic Year

USAGE and CARE of DEVICES in PATHOLOGY

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
USAGE and CARE of DEVICES in PATHOLOGY	PLT2114263	Fall Semester	2+0	2	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Merve ŞENTÜRK				
Name of Lecturer(s)	Lect. SEMİHA MERVENUR EVREN				
Assistant(s)					
Aim	It aims to recognize the devices used in pathology laboratories, learn their features, and provide approaches to maintenance processes.				
Course Content	This course contains; Tools, Equipment and Maintenance Used in Macroscopy, Tissue Processing Devices and Maintenance, Tissue Embedding Devices and Maintenance, Microtome Devices and Maintenance, Microtome Devices and Maintenance -2, Staining Devices and Maintenance, Staining Devices and Maintenance -2, Slide-Block Printer Devices and Maintenance, Cryostat Devices and Maintenance, Refrigerator, Oven, Kit Storage Cabinets And Maintenance, Centrifuge-Cytocentrifuge Devices and Maintenance, Histochemical Stainers and Maintenance, Immunohistochemical Stainers and Maintenance, Gynecological Devices and Maintenance.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Recognizes the devices used in the pathology laboratory.			16, 9	A, C	
Describes the features and usage of devices.			16, 9	A, C	
Explains the maintenance of the devices.			16, 9	A, C	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, C: Multiple-Choice Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Tools, Equipment and Maintenance Used in Macroscopy				
2	Tissue Processing Devices and Maintenance				
3	Tissue Embedding Devices and Maintenance				
4	Microtome Devices and Maintenance				
5	Microtome Devices and Maintenance -2				
6	Staining Devices and Maintenance				
7	Staining Devices and Maintenance -2				
8	Slide-Block Printer Devices and Maintenance				
9	Cryostat Devices and Maintenance				
10	Refrigerator, Oven, Kit Storage Cabinets And Maintenance				
11	Centrifuge-Cytocentrifuge Devices and Maintenance				
12	Histochemical Stainers and Maintenance				
13	Immunohistochemical Stainers and Maintenance				
14	Gynecological Devices and Maintenance				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
Lecturer's lecture notes