

Vocational School / Medical Laboratory Techniques

2023 - 2024 Academic Year

BASIC PATHOLOGY

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
BASIC PATHOLOGY	TLT1227100	Spring Semester	2+0	2	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Elective				
Course Coordinator	Lect. Nurcan OKCUOGLU TOSUN				
Name of Lecturer(s)	Lect. Nurcan OKCUOGLU TOSUN				
Assistant(s)					
Aim	Aim of this lesson is to teach the students basic concepts regarding pathology, etiology and mechanism of diseases and let them be familiar with the materials used in pathology				
Course Content	This course contains; 1. Definition of pathology, history and research materials,2. Cell death,3. Adaptation mechanism,4. Inflammation and repair,5. Fluid and hemodynamic disorders,6. Heart and circulation disorders,7. Respiratory system diseases,8. lymphoreticular system disorders,9. Neoplasia I,10. Neoplasia II,11. Normal bone and joint structures,12. Bone and joint diseases,13. Bone tumors,14. Bone tumors.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1. Define a pathologic tissue both in microscopic and anatomic terms.			10, 16, 19, 9	A	
2. Explain pathologic states and diseases			10, 16, 19, 9	A	
3. Express sufficiently how to approach the pathologic conditions			16, 19, 6, 9	A	
3.1. Names basic concepts of pathology.			10, 16, 19, 9	A	
3.2. Defines the etiology and progress mechanism of diseases.			10, 16, 19, 9	A	
3.3. Identifies the methods which pathology uses.			10, 16, 19, 9	A	
Teaching Methods	10: Discussion Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	1. Definition of pathology, history and research materials				
2	2. Cell death				
3	3. Adaptation mechanism				
4	4. Inflammation and repair				
5	5. Fluid and hemodynamic disorders				
6	6. Heart and circulation disorders				
7	7. Respiratory system diseases				
8	8. lymphoreticular system disorders				
9	9. Neoplasia I				
10	10. Neoplasia II				
11	11. Normal bone and joint structures				
12	12. Bone and joint diseases				
13	13. Bone tumors				
14	14. Bone tumors				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources