

Vocational School / Emergency and Medical Aid

2024 - 2025 Academic Year

ECG ANALYSIS

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
ECG ANALYSIS	İAY2116530	Fall Semester	1+1	1,5	2
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Arzu GÜNEŞ				
Name of Lecturer(s)	Prof.Dr. Bedia GÜLEN				
Assistant(s)					
Aim	To provide student with basic EKG informations and skill of seperating life threatening cardiac rhythms				
Course Content	This course contains; Definition of the course, introduction, and learning objectives,Electrophysiology of the hearth,ECG Drawing,Evaluation of ECG wave and interval units,Normal ECG interpretation,MI ECG findings with acute ST elevation,General review,Intermediate examination,MI ECG findings with acute nonST elevation,Introduction to disrhythms,Bradydisrhythmia,Tachydysrhythmia,AV blocks,Right switch and left blocks.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Explains the electrophysiology of the heart.			16, 9	A	
Defines normal ECG.			16, 9	A	
Recognizes arrhythmias and lists appropriate interventions.			16, 9	A	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Definition of the course, introduction, and learning objectives	Studying on lecture powerpoint presentations			
2	Electrophysiology of the hearth	Studying on lecture powerpoint presentations			
3	ECG Drawing	Studying on lecture powerpoint presentations			
4	Evaluation of ECG wave and interval units	Studying on lecture powerpoint presentations			
5	Normal ECG interpretation	Studying on lecture powerpoint presentations			
6	MI ECG findings with acute ST elevation	Studying on lecture powerpoint presentations			
7	General review	Studying on lecture powerpoint presentations			
8	Intermediate examination	Studying on lecture powerpoint presentations			
9	MI ECG findings with acute nonST elevation	Studying on lecture powerpoint presentations			
10	Introduction to disrhythms	Studying on lecture powerpoint presentations			
11	Bradydisrhythmia	Studying on lecture powerpoint presentations			
12	Tachydysrhythmia	Studying on lecture powerpoint presentations			
13	AV blocks	Studying on lecture powerpoint presentations			
14	Right switch and left blocks	Studying on lecture powerpoint presentations			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
Notes will be given to students at the end of the lectures.Books, magazines, web sites