AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Hematological Analysis						
Course Code	TL003		Couse Level		Short Cycle (Associate's Degree)		
ECTS Credit	3	Workload	76 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Explanation of blood and blood disorders						
Course Content	lymphoma, multiple myeloma, including such diseases with acute and chronic leukemia; bone marrow, the lymphatic system and examination of blood related diseases						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study				
Name of Lecturer(s)	Ins. Tuğçe OKTAV						

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Lecture notes, PowerPoint presentations, medical journals and publications

Week	Weekly Detailed Course Contents	
1	Theoretical	Aplastic Anemia
2	Theoretical	Iron Deficiency Anemia
3	Theoretical	hemolysis
4	Theoretical	Acquired Hemolytic Anemia
5	Theoretical	Chronic Leukemia
6	Theoretical	lymphomas
7	Theoretical	leukemia
8	Intermediate Exam	MIDTERM
9	Theoretical	Myelodysplastic Syndromes
10	Theoretical	Myeloproliferative Diseases
11	Theoretical	Plasma Cell Disorders
12	Theoretical	Thrombocytopenia Approach
13	Theoretical	Thrombotic Thrombocytopenic Purpura
14	Theoretical	An overview
15	Theoretical	An overview
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	2	70
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
			Total Workload (Hours)	76
			[Total Workload (Hours) / 25*] = **ECTS**	3

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. 2. To examine the erythrocytes
2	2. To examine the leukocytes
3	To examine the platelets and coagulation (clotting)

4	To determine hematocrit and hemoglobin
5	to make the complete blood count by using autoanalyser
6	Making the determination of sedimentation

Programme Outcomes *(Anesthesia)*

1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Ataturk's principles and the history of Turkish Revolution
3	To be able to recall the knowledge about ethical and moral values
4	To be able to recall the knowledge of Turkish grammer and be able to use it
5	To be able to communicate effectively with patient, their family, and own team
6	To be able to control, use, and maintain the anesthesia machines
7	To be able to recall the information about anesthesia application in the system diseases
8	To be able to recall the issues that needed to be considered in follow-up of patients in intensive care.
9	To be able to make the patiens' care in intensive care
10	To be able to apply the cardiopulmonary resuscitation.
11	To be able to apply the drug, liquid and blood to the patient.
12	To be able to apply nasogastric tube to the patient and to aspirate.
13	To be able to assist the implementation of general anesthesia to patient.
14	To be able to recall the drugs used in general and regional anesthesia and learn to use them safely.
15	PO15. Can help during the maintanence, ending and post anaesthesia process.
16	Can help the practices of anesthesia and sedation outside the operation room.
17	Can communicate at the basic level of a foreign language and use this language in his job.
18	Be able to communicate at a basic level in a foreign language and be able to use this language in professional fields
19	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of field

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5	L6
P1	3	4	3	4	4	4