

## THE MAJOR POINTS IN TRANSFUSION

1	Course Title:	THE MAJOR POINTS IN TRANSFUSION	
2	Course Code:	TAT5216	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	none	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. EROL ARMAĞAN	
15	Course Lecturers:	Dr.Öğretim Görevlisi Fatma ÖZDEMİR	
16	Contact information of the Course Coordinator:	Prof.Dr.Erol ARMAĞAN Acil Tıp Anabilim Dalı earmagan@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	Recognizing and intervening situations that require blood transfusion in disasters.	
19	Contribution of the Course to Professional Development:	Participants recognize indications for blood transfusion and possible problems during transfusion and become able to make necessary interventions.	
20	Learning Outcomes:		
		1	The definition of blood groups
		2	Preparation and storage of blood components and clinical use
		3	Red blood cell transfusion indications
		4	Platelet transfusion indications
		5	Comparison tests before transfusion
		6	Transfusion complications
		7	
		8	
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Preparation and storage of blood components and clinical use		
2	Preparation and storage of blood components and clinical use		
3	Red blood cell transfusion indications		
4	Red blood cell transfusion indications		
5	Platelet transfusion indications		

<b>6</b>	Platelet transfusion indications	
<b>7</b>	Comparison tests before transfusion	
<b>8</b>	Transfusion complications	
<b>9</b>	Transfusion complications	
<b>10</b>	Immunological transfusion reactions	
<b>11</b>	Immunological transfusion reactions	
<b>12</b>	Transfusion-induced acute lung injury (TRALI)	
<b>13</b>	Non-immunological transfusion reactions	
<b>14</b>	Septic shock	
<b>22</b>	Textbooks, References and/or Other Materials:	1-Tintinalli, Judith E., et al., eds. Tintinalli's emergency medicine: a comprehensive study guide. New York: McGraw-Hill Education, 2016. 2-Rotheray, Kate R., and Giles N. Cattermole. "Rosen's emergency medicine: concepts and clinical practice." (2010)
<b>23</b>	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		<b>NUMBER</b>
		<b>WEIGHT</b>
Midterm Exam		0
Quiz		0
Home work-project		0
Final Exam		1
Total		1
Contribution of Term (Year) Learning Activities to Success Grade		0.00
Contribution of Final Exam to Success Grade		100.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Attending the course
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	0	0.00	0.00
Homeworks	1	26.00	26.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			60.00
Total work load/ 30 hr			2.00
ECTS Credit of the Course			2.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			