



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Anesthetic Pharmacology							
Course Code		AN112		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Student will be able to prepare and apply various types of drugs used in premedication, general anesthesia and local anesthesia.							
Course Content		To learn the mechanism of action, indications and contraindications of drugs used in anesthesia							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)		Prof. Mustafa OĞURLU							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Anesthesiology for Technicians and Technicians, Ed MG Çelik, Güneş Medical Bookstores
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Week	Weekly Detailed Course Contents	
1	Theoretical	Drugs Used for Sedation
2	Theoretical	Anticholinergic And Antihistaminic Drugs
3	Theoretical	Drugs that reduce stomach acid and volume
4	Theoretical	Gas Anesthetics
5	Theoretical	Evaporable Liquid Anesthetics
6	Theoretical	Intravenous Anesthetics
7	Theoretical	Antagonist Drugs of Intravenous Anesthetics
8	Theoretical	Local Anesthetic Drugs
9	Theoretical	Ester Type, Amide Type Local Anesthetic Drugs
10	Theoretical	Depolarizing muscle relaxants
11	Theoretical	Nondepolarizing Muscle Relaxing Drugs
12	Theoretical	Muscle relaxants Antagonists of drugs
13	Theoretical	Adrenergic Drugs
14	Theoretical	Hypotensive Drugs

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	2	2	4



Final Examination	1	2	2	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	1. Application of Premedication Drugs
2	2. To prepare and apply general and local anesthetic drugs
3	3. Applying the types of drugs used in addition to anesthesia
4	know general anesthetic drugs
5	know local anesthetics, muscle relaxants, anticholinesterases, drug administration routes

### Programme Outcomes (Anesthesia )

1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Atatürk'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 grammar 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 patients' 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 maintenance, 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
P13	5	5	5	5	5
P14	5	5	5	5	5
P15	5	5	5	5	5
P16	5	5	5	5	5

