



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Safe Medication Use							
Course Code		TL303		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To provide the basic information on the safety drug usage in risky periods.							
Course Content		Basic principles of safety drug usage, basic principles of safety drug usage in special physiological and risky periods, evaluation, prevention and treatment of drug toxicity in risky periods, safety drug usage in infants and childhood, safety drug usage in pregnancy and lactation, safety drug usage in geriatrics, safety drug usage in some chronic diseases.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Ins. Nejla BİÇER, Ins. Nimet KILIÇ							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	T.C. Sosyal Güvenlik Kurumu Başkanlığı, Editör: Prof. Dr. Ahmet AKICI 2013 SGK Yayın No: 93, ISBN: 978-605-63932-4-2 Ankara, Haziran 2013
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Week	Weekly Detailed Course Contents	
1	Theoretical	Basic concepts of safety drug usage.
2	Theoretical	The toxicological outcomes of drug-food interactions
3	Theoretical	The toxicological outcomes of drug-alcohol interactions.
4	Theoretical	The toxicological outcomes of drug-drug.
5	Theoretical	The safety drug usage in the epilepsy patients. and in the patients with hypertension
6	Theoretical	The nutritional deficiency caused by drugs, its classification, and the related examples.
7	Theoretical	The safety drug usage in the geriatrics.
8	Intermediate Exam	Mid-term exam
9	Theoretical	The safety drug usage in the pregnancy.
10	Theoretical	The safety drug usage in the lactation.
11	Theoretical	The safety drug usage in the patients with infections.
12	Theoretical	The safety drug usage in the new born and children
13	Theoretical	The safety drug usage in the patients with diabetes.
14	Theoretical	The safety drug usage in the patients with diabetes.
15	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	14	0	2	28
Midterm Examination	1	1	2	3
Final Examination	1	0	2	2
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	1. Students are well informed about the safety drug usage in risky periods
2	2. The safety drug usage in chronic diseases



3	3. The drug-food, drug-alcohol, drug-drug interactions
4	4. The safety drug usage in special physiological periods
5	5.gain information about rational antibiotic use.

Programme Outcomes (Physiotherapy)

1	To be able to recall the information of research methods and statistics so as to follow the developments, monitor and interpret scientific literature
2	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of physical therapy
3	To be able to recall knowledge of the general structure and properties of musculoskeletal system and the joints and to evaluate the story of musculoskeletal diseases.
4	To be able to comprehend the methods of measurement of the range of motion of joints and to measure it.
5	To be able implement a general evaluation of posture analysis and gait analysis.
6	To be able to recall the knowledge about general characteristics of musculoskeletal diseases, osteoporosis, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, especially rheumatic diseases, mechanical low back and neck pain, disc herniation, soft tissue disorders and to apply appropriate physiotherapy.
7	To be able to recall the knowledge and gain skills about the devices and the agents of heater used in physical therapy, indications and contraindications of using, and the necessary information about how to apply on patients.
8	To be able to recall the knowledge of the electromagnetic field.
9	To be able to recall what Elektroakapunktur, Laser, Biofeedback, cervical and lumbar traction systems, pneumatic compression therapy are, and how to apply them, which one is applicable to patients.
10	To be able to recall what manipulation-mobilization is and which patients are suitable for this application.
11	To be able to recall what massage and hydrotherapy treatments are and which patients are suitable for these applications.
12	To be able to gain the professional and ethical awareness, apply gained knowledge and skills in real life situations and transfer gained knowledge to individuals around her/his environment, and improve behavior of life-long learning.
13	To gain knowledge about methods of diagnosis, protection and treatment of diseases
14	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to neurological disorders.
15	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to cardiopulmonary disorders.
16	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to pediatric patients.
17	To be able to gain knowledge about the effects of fitness and exercise on metabolism and responses of body systems to them.
18	To have knowledge about rehabilitation services
19	To become individuals who can do interdisciplinary team work, with a sense of social responsibility and entrepreneur.
20	To be able to recall the knowledge about Atatürk's Principles and the History of Turkish Revolution.
21	To be able to gain the knowledge and ability to become contemporary individuals who can use Turkish language grammar well and know a foreign language knowledge necessary to follow the developments in the profession.

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

	L1	L2	L3	L4	L5
P1	1	1	1	1	1

