



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|---|------------|--|---|----------------------------------|---|------------|---|
| Course Title | | Safe Medication Use | | | | | | | |
| Course Code | | TL303 | | Couse 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

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| 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

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



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|---|---|
| 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 (Medical Imaging Techniques)

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|----|---|
| 1 | To be able to get information the working principles of Radiology, Nuclear Medicine and Radiotherapy devices, and distinguish their components, use these devices in accordance with operating instructions. |
| 2 | To be able to perform the procedures in accordance with the examination of Radiology and Nuclear Medicine imaging . |
| 3 | To be able to apply the radiotherapy treatment, planned by radiation physicist with instruction of radiotherapist. |
| 4 | To be able to develop and perform the film printing of the images that obtained by imaging techniques of Radiology, Nuclear Medicine |
| 5 | To be able to evaluate the images that obtained by imaging techniques of Radiology, Nuclear Medicine in terms of radiographic quality and takes the necessary measures. |
| 6 | To be able to know the medical and radiologic terminology, and pronounce and use them correctly |
| 7 | To be able to take the necessary measures in accordance with the rules of Radiation safety and protection from radiation, and apply them. |
| 8 | To be able to distinguish the anatomical structures on images, obtained by the conventional and cross-sectional imaging techniques of Radiology, Nuclear medicine. |
| 9 | To be able to communicate well with patient, their family and the hospital staff. |
| 10 | To be able to move with own professional duties, powers and responsibilities of the consciousness and apply the rules of professional ethics. |
| 11 | To be able to adapt to a multi-disciplinary team work. |
| 12 | To be able to have a basic knowledge of human physiology. |
| 13 | To be able to distinguish anatomical structures. |
| 14 | To be able to establish a cause-and-effect relationship between events. |
| 15 | To be able to have the ability of analytical thinking and problem solving. |
| 16 | To be able to apply the basic principles of first aid. |
| 17 | It has basic knowledge about human anatomy |
| 18 | Understanding the basic concepts and principles of physics while providing, in the medical field and in particular medical imaging students better understand the issues involving technical vocational courses |
| 19 | OHS 'basic concepts; work accidents, occupational diseases, occupational physicians, occupational safety specialist, İSGB, OSGB, hazard classes, risk assessment, OHS employee representatives is |
| 20 | Have basic knowledge about basic medical practices and makes applications |

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

| | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P20 | 4 | 4 | 4 | 4 | 4 |

