



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|  |   |   |            |  |   |                                  |   |            |   |
|--|---|---|------------|--|---|----------------------------------|---|------------|---|
| Course Title                                     |   | First Aid at Radiology  |            |  |   |                                  |   |            |   |
| Course Code                                      |   | TGT204  |            | Course Level   |   | Short Cycle (Associate's Degree) |   |            |   |
| ECTS Credit                                      | 2 | Workload  | 56 (Hours) | Theory   | 2 | Practice                         | 0 | Laboratory | 0 |
| Objectives of the Course                         |   | To acquire qualifications on basic principle of first aid, basic life support, first aid at injury, first aid at fracture,dislocation and sprain, first aid at another emergency case and transport.  |            |  |   |                                  |   |            |   |
| Course Content                                   |   | Basic application of first aid, First and second assessment, Basic life support on adults, Basic life support on children and babies, First aid at respiratory tract occlusion, External and internal bleeding Scar and variety of scar, First aid at local injuries, head and spine fractures, First aid at upper extremity fractures,dislocations and sprains, First aid at hip and lower extremity fractures, dislocations and sprains First aid at requiring emergency care disease, Poisoning, heat-stroke, burnt and freezing, First aid at taking foreign body |            |  |   |                                  |   |            |   |
| Work Placement                                   |   | N/A   |            |  |   |                                  |   |            |   |
| Planned Learning Activities and Teaching Methods |   |   |            | Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study, Individual Study |   |                                  |   |            |   |
| Name of Lecturer(s)                              |   | Lec. Nazan ÖZTÜRK   |            |  |   |                                  |   |            |   |

### Assessment Methods and Criteria

| Method            | Quantity | Percentage (%) |
|-------------------|----------|----------------|
| Final Examination | 1        | 110            |

### Recommended or Required Reading

|   |   |
|---|---|
| 1 | İlk yardım ve acil bakım (Cemil Sözen), Göktuğ yayıncılık, 2006, İstanbul.  |
| 2 | Temel ilk yardım uygulamaları (Alev Dramalı, Şenay Kaymakçı, Türkan Özbayır), Ege Üniversitesi basımevi, 2005, İzmir. |

| Week | Weekly Detailed Course Contents |   |
|------|---------------------------------|---|
| 1    | Theoretical                     | Basic application of first aid  |
| 2    | Theoretical                     | First and second assessment   |
| 3    | Theoretical                     | Basic life support on adults  |
| 4    | Theoretical                     | Basic life support on children and babies                                   |
| 5    | Theoretical                     | First aid at respiratory tract occlusion                                    |
| 6    | Theoretical                     | External and internal bleeding  |
| 7    | Theoretical                     | Scar and variety of scar  |
| 8    | Theoretical                     | First aid at local injuries, head and spine fractures                       |
| 9    | Theoretical                     | First aid at local injuries, head and spine fractures                       |
| 10   | Theoretical                     | First aid at upper extremity fractures, dislocations and sprains            |
| 11   | Theoretical                     | First aid at hip and lower extremity fractures, dislocations and sprains    |
| 12   | Theoretical                     | First aid at requiring emergency care disease                               |
| 13   | Theoretical                     | Poisoning, heat-stroke, burnt and freezing First aid at taking foreign body |
| 14   | Theoretical                     | Term assessment and revision  |
| 15   | Theoretical                     | Term assessment and revision  |
| 16   | Final Exam                      | final exam  |
| 17   | Final Exam                      | final exam  |

### Workload Calculation

| Activity                              | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory                      | 15       | 1           | 2        | 45             |
| Final Examination                     | 1        | 10          | 1        | 11             |
| Total Workload (Hours)                |          |             |          | 56             |
| [Total Workload (Hours) / 25*] = ECTS |          |             |          | 2              |

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

|   |   |
|---|---|
| 1 | To apply basic principles of first aid                    |
| 2 | To provide basic life support                             |
| 3 | To apply first aid at injuries                            |
| 4 | To apply first aid at fractures, dislocations and sprains |
| 5 | To apply first aid at another emergency case              |
| 6 | To transport patients and elder                           |

**Programme Outcomes (Medical Imaging Techniques)**

|    |  |
|----|--|
| 1  | THE ANATOMICAL STRUCTURE   |
| 2  | HUMAN PHYSIOLOGY   |
| 3  | APPLY FIRST AID FOR PATIENTS OR INJURIES   |
| 4  | MAKING RADIOGRAPHY AND FILM BATHROOM, PRINTING PROCESSES   |
| 5  | MAKING FLUOROSCOPIC IMAGING  |
| 6  | MAKING THE MAMMOGRAPHY TEST  |
| 7  | DOING ANGIOGRAPHY  |
| 8  | MAKING MAGNETIC RESONANCE IMAGING (MRI)  |
| 9  | MAKING COMPUTERIZED TOMOGRAPHY (CT) ANALYSIS   |
| 10 | DOING THE BONE MINERAL DENSITOMETER (DEXA)   |
| 11 | ULTRASONOGRAPHY (USG)  |
| 12 | GAMA CAMERA IMAGING  |
| 13 | RADIOTHERAPY SIMULATION AND APPLICATION  |
| 14 | RADIATION SAFETY AND RADIATION PROTECTION  |
| 15 | MAKING BUSINESS ORGANIZATION AND PROVIDING PROFESSIONAL DEVELOPMENT  |
| 16 | KEEPING RADIOLOGICAL ANATOMY   |
| 17 | KEEPING MEDICAL TERMS  |
| 18 | To be able to use modern Turkish language knowledge and language skills.   |
| 19 | To have knowledge about Atatürk's Principles and Revolution History  |
| 20 | To communicate at a basic level in a foreign language  |
| 21 | Knows cancer and its types. Know what needs to be done to prevent cancer   |
| 22 | To increase student's awareness of gender equality   |
| 23 | To have information about clinical biochemistry  |
| 24 | Knows the structure of proteins, carbohydrates and fats  |
| 25 | To know family planning methods  |
| 26 | To obey occupational ethic principals  |
| 27 | To know occupational ethics  |
| 28 | Understand the importance of teamwork  |
| 29 | The organizational chart of the institution will be able to understand.  |
| 30 | Will understand the importance of record keeping.  |
| 31 | To know the ethical dilemmas in health   |
| 32 | To gain educational and exploratory knowledge about control and protection against infectious diseases               |
| 33 | To evaluate the general condition of the patient or the injured to take the initiative                               |
| 34 | To know the indications and contraindications of contrast agents   |
| 35 | To be able to use and maintain the right communication skills with patients and relatives                            |
| 36 | To be able to communicate with colleagues, patient and patient relatives at therapeutic level                        |
| 37 | To evaluate the behavior of patients and their relatives   |
| 39 | To have general information about health system  |
| 40 | To learn the rights and obligations of health workers  |
| 41 | Ability to gain theoretical knowledge about disaster recovery  |
| 42 | To gain practical knowledge about disaster recovery and to be able to use them in accordance with ethical principles |
| 43 | To be able to explain the concepts related to substance abuse  |
| 44 | Identify the needs of individuals with substance addiction   |
| 45 | Working organization   |
| 46 | Prepare promotional material with ready template   |



|    |  |
|----|--|
| 47 | To be able to prepare personal web site  |
| 48 | Knows pharmacological agents. know how to apply the drugs according to the indications and contraindications |
| 49 | To have knowledge about the effects of radiation on environment and human health.                            |
| 50 | Knows the concepts of quality standards, quality, standardization, standards and accreditation in health.    |
| 51 | To know the rules of ergonomics  |
| 52 | To learn the rules of behavior in social and business life   |
| 53 | Ensuring the development of social sensitivity levels  |
| 54 | To use their personal knowledge, skills and experiences for the benefit of the society as a team             |
| 55 | Will be able to apply the basic tasks to use the operating system  |
| 56 | Demonstrate behavior by understanding the information given about health.                                    |
| 57 | Know the learning and teaching methods   |
| 58 | Will have the ability to prepare educational material and conduct effective training.                        |

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

|     |    |
|-----|----|
|     | L5 |
| P14 | 3  |

