**T.C. MALTEPE UNIVERSITY FACULTY OF MEDICINE**

**UNDERGRADUATE PROGRAM
2022-2023 ACADEMIC YEAR**

**EDUCATIONAL INFORMATION PACKAGE**

| **COURSE INFORMATION** |
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| **Course Name** | **Emergency Medicine Internship** | **Course Code** | **MED 604** |
| **Phase**  | 6 | **Level of the Course** | Undergraduate | **Language of the Course** | Turkish |
| **Mode of Delivery** | Face to face | **Lesson Type** | Compulsory |
| **Prerequisite** | 1. MED 100 2. MED 2003. MED 3004. All courses in Phase 45. All courses in Phase 5 |

| **ECTS** |
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| **ECTS Credits** | **Theoretical Lecture Hours** | **Practical Hours** |
| 10 | 15 | 260 |

| **EDUCATION COORDINATORS AND FACULTY MEMBERS** |
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| **Term Coordinator and Assistant** Aygen Çelik, MD., ProfessorAli Gürsoy, MD., Associate Professor**Course Coordinator**Feride Sinem Akgün, MD., Associate Professor

| **Instructors, Contact Information** Feride Sinem Akgün, MD., Associate Professor, Maltepe University, Faculty of Medicine, Department of Emergency Medicineferideakgun@maltepe.edu.tr Extension: 2032 |
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| **GENERAL OBJECTIVE AND CATEGORY OF THE COURSE** |
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| To teach the basic principles of emergency medicine. To teach the patients they encounter to evaluate their emergencies and to intervene in a short time.**PLANNED LEARNING OUTPUTS AND SUB -SKILLS:**In case of emergency, he/she may make the necessary intervention.He/she can follow up patients in the emergency department.He/she can direct the patient to the relevant service after the emergency intervention.**GENERAL COMPETENCIES:**ProductiveRationalQuestioningEntrepreneurCreativeEthicalRespectful to differencesSensitive to social issuesAble to use own language effectivelySensitive to environmentAble to use a foreign language effectivelyAble to adapt to different social roles in various situationsAble to work as a team memberAble to use time effectivelyHaving a critical mind**TEACHING METHODS AND TECHNIQUES**ArgumentPatient head evaluationFile Preparing and/or PresentationApplicationProblem/Problem Solving

| **COURSE CATEGORY** |
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| 1. The Basic professional lesson
 | **X** |
| 1. Specialization/Field Course
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| 1. Support Course
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| 1. Transferable Skill Course
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| 1. Human, Communication and Management Skills Courses
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| **COURSE TEXTBOOKS AND SUPPLEMENTARY READINGS** |
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| **Textbooks**1. Tintinalli's Emergency Medicine: A Comprehensive Study Guide
2. Klinik Toksikoloji Tanı ve Tedavi
3. Lange Emergency Medicine Current Diagnosis and Treatment
4. Tüm Yönleriyle Acil Tıp Tanı Tedavi ve Uygulama Kitabı

**Supplementary Readings**1. Rosen's Emergency Medicine: Concepts and Clinical Practice
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| **COURSE ASSESSMENT AND EVALUATION SYSTEM** |
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| no | Exam | Contribution rate |
| --- | --- | --- |
| **1** | End of Internship Evaluation Exam (Theoretical) | %0 |
| **2** | Configured oral examination | %0 |
| **3** | ICE (Working Evaluation) | %60 |
| **4** | OSCE (Structured Objective Clinical Exam) | %0 |
| **5** | Continue (polling) | %20 |
| **6** | Laboratory Applications | %0 |
| **7**  | Clinical Applications | %0 |
| **8**  | Field work | %0 |
| **9** | Specific internship | %0 |
| **10** | Homework | %0 |
| **11**  | Presentations | %20 |
| **12** | Projects | %0 |
| **13** | Seminars | %0 |
| **14** | Problem Based Learning | %0 |
| **15** | Other | %0 |
|  | **Total** | %100 |

**NOTES:**Assessment and Evaluation System is organized according to T.C. Maltepe University Faculty of Medicine Education and Training Regulations |

| **ECTS Student Workload Table** |
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| **Activities** | **Number** | **Duration****(hours)** | **Total work load** |
| --- | --- | --- | --- |
| **Lectures** | **15** | **2** | **30** |
| **Laboratory** | **-** | **-** | **-** |
| **Practice** | **260** | **1** | **260** |
| **Lesson specific internship** (if there is)  | **-** | **-** | **-** |
| **Field study** | **-** | **-** | **-** |
| **Lesson study time out of class** (pre work, strengthen, etc) | **-** | **-** | **-** |
| **Presentation / Preparing seminar** | **1** | **10** | **10** |
| **Project** | **-** | **-** | **-** |
| **Homework** | **-** | **-** | **-** |
| **İnterval examinations** | **-** | **-** | **-** |
| **Clerkship Examination**  | **-** | **-** | **-** |
| **Total work load** | **300** |

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| **COURSE LEARNING OUTCOMES, SUB-SKILLS AND COMPETENCIES**  |
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| **Students completing this course;**

| **No.** | **Learning output / sub -skill / qualifications** | **Educational method** | **MR method** |
| --- | --- | --- | --- |
| **1** | Able to list the principles of receiving information about the complaint from the patient who comes | EM4, EM5 | ME7 |
| **2** | Able to examine to emergency patient | EM4, EM5 | ME7 |
| **3** | Able to cure life -threatening emergency diseases and provide transport if necessary | EM4, EM5 | ME7 |
| **4** | Able to apply the basic medical initiatives necessary for the diagnosis and treatment of diseases | EM4, EM5 | ME7 |
| **5** | She/He knows her/his legal responsibilities and able to define ethical principles | EM4, EM5 | ME7 |
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| **COURSE CONTENTS** |
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| The aim of the Emergency Medicine Internship to be held at the Faculty of Medicine Faculty VI is to ensure that students take an active role in the approach to the cases applying to the emergency department and to ensure that they can use theoretical and patient practical information they have obtained during the medical education in a short time to reach the disciplinary diagnosis and real diagnosis and use them in the management of diagnosis. Thus, the concept of real emergency case can be understood. In the cases required by intervention or operation, they actively participate in initiatives and gain practical skills by dominating anatomical structures. Students have the maturity of the patient's story, physical examination, laboratory and radiological findings to achieve real diagnosis and make the necessary emergency intervention, in cases that make up the majority of applications such as acute abdominal symptoms, general body traumas and injuries, traffic accidents injuries, and internal diseases. At the end of the internship, they will be able to make the required cardiopulmonary resuscitation in the cases they will encounter during the medicine service, to make the right approach and management to the internal cases that require emergency intervention, to make the necessary consultations with the right approach to the emergency surgical cases and to make minor surgical procedures in person. |

| **DERS LİSTESİ VE SIRALAMASI** |
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| **No** | **Subject/Competence** | **Instructor** |
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| 1 | Basic and Advanced Cardiac Life Support | Student Seminar / Feride Sinem Akgün |
| 2 | Approach to the patient with chest pain, fatal 6 causes of chest pain | Student Seminar / Feride Sinem Akgün |
| 3 | Approach to respiratory distressed patient | Student Seminar / Feride Sinem Akgün |
| 4 | Approach to the patient with pain, acute abdominal causes | Student Seminar / Feride Sinem Akgün |
| 5 | Approach to the patient coming with poisoning/intoxication, first intervention | Student Seminar / Feride Sinem Akgün |
| 6 | Approach to consciously closed patient | Student Seminar / Feride Sinem Akgün |
| 7 | Approach to trauma patient | Student Seminar / Feride Sinem Akgün |
| 8 | Approach to pregnant and pediatric patient | Student Seminar / Feride Sinem Akgün |
| 9 | Oncological emergencies | Student Seminar / Feride Sinem Akgün |
| 10 | Intervention in electrolyte disorders | Student Seminar / Feride Sinem Akgün |
| 11 | First aid for burns, freezing and hot impacts | Student Seminar / Feride Sinem Akgün |
| 12 | First aid in animal bites and stings | Student Seminar / Feride Sinem Akgün |
| 13 | First aid in gastrointestinal tract bleeding | Student Seminar / Feride Sinem Akgün |
| 14 | First aid in drowning | Student Seminar / Feride Sinem Akgün |
| 15 | Patient and injured transport techniques | Student Seminar / Feride Sinem Akgün |

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| **Course - Program Outlets Table** |
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| **Program Competencies/ Outcomes** | **0** | **1** | **2** | **3** | **4** | **5** |
| Able to explain the normal structure and functions of the organism. |  |  |  | **x** |  |  |
| Able to explain the pathogenesis, clinical and diagnostic features of disorders. |  |  |  |  | **x** |  |
| Able to take history and perform general status examination. |  |  |  |  |  | **x** |
| Able to perform first step interventions and refer and transfer cases in life threatening emergency situations. |  |  |  |  |  | **x** |
| Able to perform necessary basic medical interventions for the diagnosis and treatment of diagnosis. |  |  |  |  |  | **x** |
| Able to perform preventive measures and forensic practices. |  |  |  | **x** |  |  |
| Having sufficient knowledge about the structure and process of the National Health System. |  |  |  |  | **x** |  |
| Able to define legal responsibilities and ethical principles.  |  |  |  |  | **x** |  |
| Able to perform first step care of most prevalent disorders in the community with effective evidence based medical methods. |  |  |  | **x** |  |  |
| Able to organize and implement scientific meetings and projects |  |  |  | **x** |  |  |
| Able to use a major foreign language sufficient enough for follow up of literature and update of medical knowledge; able to use computer and statistical skills for the evaluation of scientific studies. |  |  | **x** |  |  |  |