

| Course Title                                   | Code  | Semester                     | Theoretical (hours/week) | Practice (hours/week) | Laboratory (hours/week) | ECTS |
|--|---|------------------------------|--------------------------|-----------------------|-------------------------|------|
| Intensive and Critical Care Nursing            | HEM332  | 3. Year/6. Semester / spring | 2                        | 0                     | 0                       | 4    |
| Prerequisites                                  | None  |                              |                          |                       |                         |      |
| Language of Instruction                        | Turkish   |                              |                          |                       |                         |      |
| Course Type                                    | Elective  |                              |                          |                       |                         |      |
| Learning and teaching techniques of the Course | Case presentation and discussion, case management, role play, brainstorming   |                              |                          |                       |                         |      |
| Instructor(s)                                  | Doç. Dr. Arzu Tuna  |                              |                          |                       |                         |      |
| Goal   | <p>To identify and evaluate patient's clinical care requirements. The team could execute the operation in an clinical critical care position</p> <p>Provide appropriate nursing care to patients in clinical critical care</p> <p>To organize concept map for nursing approaches in clinical critical care</p>  |                              |                          |                       |                         |      |
| Learning Outcomes                              | <p>The psychology of patient in clinical critical care</p> <p>Sensory overload, Sensory deprivation in patients</p> <p>Life support and drugs in clinical critical care</p> <p>Cardiac failure and nursing care in clinical critical care</p> <p>Cardiac surgery and nursing care in clinical critical care</p> <p>Respiratory failure -ARDS-torax trauma and nursing care</p> <p>Renal failure and nursing care in clinical critical care</p> <p>Liver failure and nursing care in clinical critical care</p> <p>Patient with impaired cerebral tissue perfusion and nursing care in clinical critical care</p> <p>Multiple organ failure and nursing care in clinical critical care</p> |                              |                          |                       |                         |      |
| Content  | <p>The psychology of patient in clinical critical care</p> <p>Sensory overload, Sensory deprivation in patients</p> <p>Life support and drugs in clinical critical care</p> <p>Cardiac failure and nursing care in clinical critical care</p> <p>Cardiac surgery and nursing care in clinical critical care</p> <p>Respiratory failure -ARDS-torax trauma and nursing care</p> <p>Renal failure and nursing care in clinical critical care</p> <p>Liver failure and nursing care in clinical critical care</p> <p>Patient with impaired cerebral tissue perfusion and nursing care in clinical critical care</p> <p>Multiple organ failure and nursing care in clinical critical care</p> |                              |                          |                       |                         |      |
| References                                     | <p>1. Albert R K, Slutsky A et al .Klinik Yoğun Bakım. Çev. Ed: Akpir K, Tuğrul S, İstanbul Tıp Kitapevi, 2009</p> <p>2. Brunner and Suddarth's Textbook of Medical-Surgical Nursing, 2005</p> <p>3. ÜnalanGedik H. Ambulans ve Acil Bakım Teknikleri Proğramları İçin Vaka Hazırlama ve Vaka Çalışması Örnekleri, 2002</p> <p>4. McCance L. Kathryn, Huether E. Sue; "Pathophysiology The Biologic Basis For Disease in Adults and Children", 1990, The C.V. Mosby Company, St Louis.</p> <p>5. Erdil F, Özhan Elbaş N. Cerrahi Hastalıklar Hemşireliği, 2003, Ankara</p> <p>6. Karadokovan A, Eti Aslan F. Dahiliye Cerrahi Hastalıklarda Bakım, 2009, Adana</p>                        |                              |                          |                       |                         |      |

**Course Outline Weekly:**

| <b>Weeks</b> | <b>Topics</b>   |
|--------------|---|
| 1. Week      | Intensive care environment and psychological problems brought to the patient<br>Sensory loading, sensory deprivation, delirium and nursing care |
| 2. Week      | Life support and drugs in clinical critical care  |
| 3. Week      | Cardiac failure and nursing care in clinical critical care  |
| 4. Week      | Cardiac surgery and nursing care in clinical critical care  |
| 5. Week      | Respiratory failure -ARDS-torax trauma and nursing care and mechanical ventilator monitoring  |
| 6. Week      | Patient with multiple trauma in intensive care unit and nursing care  |
| 7. Week      | <b>I. MIDTERM EXAM</b>  |
| 8. Week      | Nursing care in an intensive care unit of a patient with impaired cerebral tissue perfusion   |
| 9. Week      | Nursing care in an intensive care unit of a patient with impaired cerebral tissue perfusion   |
| 10. Week     | Renal failure and nursing care in clinical critical care  |
| 11. Week     | Liver failure and nursing care in clinical critical care  |
| 12. Week     | Gastrointestinal surgery and nursing care in clinical critical care   |
| 13. Week     | Gastrointestinal surgery and nursing care in clinical critical care   |
| 14. Week     | An overview   |
| 15. Week     | An overview   |
| 16. Week     | <b>FINAL EXAM</b>   |

**Evaluation System**

| <b>Mid-Term Studies</b>                     | <b>Number</b> | <b>Contribution</b> |
|---|---------------|---------------------|
| Midterm exams                               | 2             | %50                 |
| Quiz  |               |                     |
| Laboratory                                  |               |                     |
| Practice                                    |               |                     |
| Field Study                                 |               |                     |
| Course Internship (If There Is)             |               |                     |
| Homework's                                  |               |                     |
| Presentation and Seminar                    |               |                     |
| Project                                     |               |                     |
| Other evaluation methods                    |               |                     |
| <b>Total Time To Activities For Midterm</b> |               | %50                 |
| <b>Final works</b>                          |               |                     |
| Final                                       | 1             | %50                 |
| Homework                                    |               |                     |
| Practice                                    |               |                     |
| Laboratory                                  |               |                     |
| <b>Total Time To Activities For Midterm</b> |               | %50                 |
| Contribution Of Midterm Studies On Grades   |               | %50                 |
| Contribution Of Final Exam On Grades        |               | %50                 |
| <b>Total</b>                                |               | 100                 |

### ECTS (Student WorkLoad Table)

| Activities   | Number | Duration | Total Work Load |
|--|--------|----------|-----------------|
| Course Duration (X14 )   | 14     | 2        | 28              |
| Laboratory   |        |          |                 |
| Practice   |        |          |                 |
| Field Study  |        |          |                 |
| Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)             | 14     | 2        | 28              |
| Presentations (Video shoot/Poster preparation/Oral presentation, Etc.) | 1      | 14       | 14              |
| Seminars   |        |          |                 |
| Project  |        |          |                 |
| Case study   |        |          |                 |
| Role playing, Dramatization  |        |          |                 |
| Writing articles, Critique   |        |          |                 |
| Time To Prepare For Midterm Exam                                       | 2      | 10       | 20              |
| Final Exam Preparation Time  | 1      | 10       | 10              |
| Total Work Load ( hour) / 25(s)  |        | 100/25=4 |                 |
| <b>ECTS</b>  |        | 4        |                 |

### The relationship between learning outcomes and the program qualifications of the courses

| Program Qualifications  | Learning outcomes |      |      |
|---|-------------------|------|------|
|   | L.Q1              | L.Q2 | L.Q3 |
| 1. Competent and has the capabilities to fulfill their occupational duties.                           | 5                 | 5    | 5    |
| 2. Knows the theories and models that form the basis of Professional practice.                        | 5                 |      |      |
| 3. Has the general knowledge required to be both an individual and a member of the occupation.        |                   |      | 3    |
| 4. Carries out nursing practice based on the principles and standards.                                | 5                 | 5    |      |
| 5. Meets the health-care needs of the individuals, families and the society with a holistic approach. | 5                 |      |      |
| 6. Makes use of effective communication.  |                   | 5    |      |
| 7. Utilizes information and care technologies in professional practice and research.                  | 5                 |      |      |
| 8. Uses scientific principles and techniques in Nursing practice.                                     | 5                 |      |      |
| 9. Follows the latest advances and communicates with colleagues in a foreign language.                | 4                 |      |      |
| 10. Behaves according with the professional ethics and values.  |                   |      | 5    |
| 11. Takes the related legislation and regulations into account in Nursing practice.                   |                   |      | 5    |
| 12. Follows the politics and regulations affecting the Nursing profession.                            |                   |      | 3    |
| 13. Uses the learning-teaching and management processes in Nursing practice.                          |                   |      | 3    |
| 14. Uses the life-long learning, problem-solving and critical thinking abilities.                     | 5                 | 5    | 5    |

|     |   |  |  |   |
|-----|---|--|--|---|
| 15. | 15.With a sense of social responsibility takes part in studies, projects and some other activities with other team members and other disciplines. |  |  | 4 |
| 16. | 16.Joins in activities that can contribute to professional development.   |  |  | 5 |
| 17. | 17.Sets as a model for colleagues and the society with their professional identity.   |  |  | 5 |
| 18. | 18.Protects the basic values and social rights.   |  |  | 5 |

**Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent**