

## Course Plan of (Medical-surgical nursing I)

### II. Course Description:

The **Medical-Surgical Nursing 1** course is designed to provide nursing students with foundational knowledge and skills necessary to care for adult patients with a wide range of medical conditions. This course introduces students to the nursing process, clinical reasoning, and evidence-based practices in medical-surgical nursing, focusing on the care of patients with acute and chronic illnesses across various healthcare settings.

### IV. Course Contents:

#### A. Theoretical Aspect:

| No. | Units/Topics List                               | Sub Topics List                                                                                                                                                                  | Number of Weeks | Contact Hours |
|-----|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|
| 1   | <b>Introduction to Medical-Surgical Nursing</b> | <ul style="list-style-type: none"> <li>Overview of the role and responsibilities of medical-surgical nurses.</li> </ul>                                                          | 1               | 4             |
|     |                                                 | <ul style="list-style-type: none"> <li>Understanding patient-centered care and interdisciplinary collaboration in medical-surgical settings.</li> </ul>                          | 1               | 4             |
|     |                                                 | <ul style="list-style-type: none"> <li>Legal, ethical, and professional standards in nursing practice</li> </ul>                                                                 | 1               | 4             |
| 2   | <b>Fundamentals of Patient Assessment</b>       | <ul style="list-style-type: none"> <li>Comprehensive assessment of adult patients, including health history, physical examination, and interpreting diagnostic tests.</li> </ul> | 1               | 4             |
|     |                                                 | <ul style="list-style-type: none"> <li>Monitoring vital signs and recognizing deviations from normal.</li> </ul>                                                                 | 1               | 4             |
|     |                                                 | <ul style="list-style-type: none"> <li>Use of clinical tools like Glasgow Coma Scale, pain assessment scales, and Braden Scale for pressure ulcers</li> </ul>                    | 1               | 4             |
| 3   | Midterm exam                                    | – <b>Midterm exam</b>                                                                                                                                                            | 1               | 2             |
| 4   | Nursing                                         | – □ Application of the nursing process                                                                                                                                           | 2               | 8             |

|   |                                                 |                                                                                                                                                                                                                                                                                                                       |   |   |
|---|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
|   | <b>Process and Clinical Decision-Making</b>     | (assessment, diagnosis, planning, implementation, evaluation) in medical-surgical care.<br>– <input type="checkbox"/> Critical thinking and clinical reasoning for prioritizing patient care.<br>– <input type="checkbox"/> Developing individualized care plans based on patient needs.                              |   |   |
| 5 | Care of Patients with Common Medical Conditions | <ul style="list-style-type: none"> <li>Nursing management of common diseases and disorders affecting body systems (e.g., cardiovascular, respiratory, gastrointestinal, endocrine, musculoskeletal).</li> </ul>                                                                                                       | 2 | 8 |
| 6 |                                                 | <ul style="list-style-type: none"> <li>Pathophysiology, signs and symptoms, diagnostic tests, and treatment options for each condition.</li> </ul>                                                                                                                                                                    | 1 | 4 |
| 7 |                                                 | <ul style="list-style-type: none"> <li>Managing patients with diabetes, hypertension, respiratory infections, gastrointestinal disorders, etc.</li> </ul>                                                                                                                                                             | 1 | 4 |
| 8 | <b>Fluid and Electrolyte Balance</b>            | <input type="checkbox"/> Understanding fluid and electrolyte imbalances and their effects on the body.<br><input type="checkbox"/> Nursing interventions for dehydration, electrolyte disturbances, and fluid overload.<br><input type="checkbox"/> Monitoring laboratory results and intravenous therapy management. | 2 | 8 |
| 9 | Final term exam                                 | – <b>Final term exam</b>                                                                                                                                                                                                                                                                                              | 1 | 2 |

|                                         |    |    |
|-----------------------------------------|----|----|
| Number of Weeks /and Units Per Semester | 16 | 60 |
|-----------------------------------------|----|----|

| B. Case Studies and Practical Aspect:   |                                                 |                 |               |
|-----------------------------------------|-------------------------------------------------|-----------------|---------------|
| No.                                     | Tasks/ Experiments                              | Number of Weeks | Contact Hours |
| 1                                       | Introduction to Medical-Surgical Nursing        | 4               | 8             |
|                                         | Fundamentals of Patient Assessment              | 4               | 8             |
|                                         | Nursing Process and Clinical Decision-Making    | 4               | 8             |
|                                         | Fluid and Electrolyte Balance                   | 2               | 4             |
|                                         | Care of Patients with Common Medical Conditions | 2               | 4             |
| Number of Weeks /and Units Per Semester |                                                 | 16              | 32            |