

**Module (Course Syllabus) Catalogue**

**2022-2023**

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| **College/ Institute** | **Koya Technical Institute** | |
| **Department** | **Community Health** | |
| **Module Name** | **Surgical Internal Medicine** | |
| **Module Code** | **SIM304** | |
| **Semester** | **1** | |
| **Credits** | **6** | |
| **Module type** | **General** | |
| **Weekly hours** | **5** |  |
| **Weekly hours (Theory)** | **( 2 )hr Class** | **(2 )hr Class** |
| **Weekly hours (Practical)** | **( 3 )hr Class** | **( 3 )hr Class** |
| **Lecturer (Theory)** | **Khalat Karwan Fars** | |
| **E-Mail & Mobile NO.** | [**Khalat.k.fares@gmail.com**](mailto:Khalat.k.fares@gmail.com)**, 07736982640** | |
| **Lecturer (Practical)** |  | |
| **E-Mail & Mobile NO.** |  | |

**Course Book**

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| **Course Description** | * **Course overview:**   This course provides the student with the knowledge, skills and attitudes that are essential for effective and comprehensive nursing care for adults in the uncritical medical and surgical illness. The related concepts of pathophysiology, fundamentals of nursing and pharmacology are integrated. | | |
| **Course objectives** | **Upon completion of this course, the student will be able to:**   1. Identify risk factors and nursing interventions in promoting and maintaining health in a selected client population. 2. Relate the pathophysiology of selected medical/ surgical alterations to the health –illness continuum. 3. Discuss scientifically based rational for performing selected diagnostic procedure, outcomes and nursing responsibilities. 4. Describe drug therapies and their related outcomes for clients undergoing medical/ surgical interventions. 5. Explain nutritional needs of patients with selected medical/ surgical alterations. 6. Demonstrate safe administration of drug and parenteral therapy. 7. Participate in teaching patients 8. Demonstrate effective communication with patients, instructor and health members. 9. Describe pre- operative nursing measures of avoiding the risk of infection and the excepted post- operative complications. | | |
| **Student's obligation** | It is necessary all the students listen and write notes and their obligations throughout the academic year and the attendance and completion of all tests, exams. It should also practice in the laboratory or Hospital depending on the lecture. | | |
| **Required Learning Materials** | lecture halls with data show equipment for lecture presentations, white board, video animation | | |
| **Assessment scheme** | ‌16% Mid Term (Theory and practical)  4% Quiz  40% Assignment (report, paper, homework, seminar..)  25% final practical  15% final theory | | |
| **Specific learning outcome:** | 1. Discuss psychosocial assessment and interventions relevant to adult ill clients and their families. 2. Utilize knowledge from the humanities and science in planning the care of ill adults. 3. Demonstrate safe nursing care of ill adults. 4. Utilize effective communication techniques with clients. 5. Demonstrate competence in homodynamic and cardiac monitoring. 6. Provide quality nursing care for clients with respiratory dysfunction. 7. Assess and manage client with renal - urinary dysfunctions. 8. Deal efficiently with cases of medical surgical diseases 9. Participate in educating Adult ill clients and their families. 10. Demonstrate professional behavior in relation to clients and members of the health team. | | |
| **Course References‌:** | Key and Useful references:   1. Hinkle, J.L., & Cheever, K.H. (2014). **Brunner & Suddarth’s Textbook of Medical-Surgical Nursing (13th ed.)**. Philadelphia: Lippincott Williams & Wilkins. 2. Lewis, S.M., Dirksen, S.R., Heitkemper, M.M., & Bucher, L. (2014). **Medical-Surgical Nursing: Assessment and Management of Clinical Problems** (9th ed.). St. Louis: Mosby. 3. Ignatavicius, D. D., & Workman, M. L. (2015). ***Medical-Surgical Nursing: Patient-Centered Collaborative Care***. Elsevier Health Sciences. 4. Williams, L. S., & Hopper, P. D. (2015). ***Understanding medical surgical nursing*.** FA Davis. 5. Linton, A. D. (2015). ***Introduction to medical-surgical nursing***. Elsevier Health Sciences.   LeMone, P., Burke, K., Dwyer, T., Levett-Jones, T., Moxham, L., Reid-Searl, K., ... & Raymond, D. (2013**). *Medical-surgical nursing***. Pearson Higher Education AU. | | |
| **Course topics (Theory)** | | **Week** | **Learning Outcome** |
| **Introduction to Medical Surgical Nursing.** | | First | Student learn about general information of the subject |
| **Nursing process; definition, objectives and steps.** | | Second | Student learn about nursing process and how they used and objectives |
| **Nursing management for patient with digestive system disease Gastro oesophageal reflex** | | Third | Student learn management of patient with GERD |
| **Peptic Ulcer.** | | Fourth | Student learn how to recognize symptoms of peptic ulcer and what is the nursing management or this patient |
| **The patient with hepatobiliary disorders** | | Fifth | Student learn disease related to hepatobiliary and management of it |
| **Cholelithiasis and cholecystitis** | | Sixth | Student learn disease symptoms recognizing and nursing management |
| **Nursing care for patients with respiratory disorders such as Pneumonia.** | | Seventh | Student learn disease symptoms recognizing and nursing management |
| **COPD**  **Asthma** | | Eighth | Student learn disease symptoms recognizing and nursing management, and ways of prevention |
| **Nursing management of patients with Renal disorders such as UTI, Renal failure** | | Ninth | Student learn disease symptoms recognizing and nursing management, and ways of prevention |
| **Nursing management for patients with cardiovascular disorders**  **Hypertension, myocardial infraction** | | Tenth | Student learn disease symptoms recognizing and nursing management, and ways of prevention |
| **Nursing care for patients with endocrine system disorders such as Diabetes mellites** | | Eleventh | Student learn disease symptoms recognizing and nursing management, and ways of prevention |
| **Nursing care for patients with endocrine system disorders such as Hyperthyroidism and**  **Hypothyroidism** | | Twelfth | Student learn disease symptoms recognizing and nursing management, and ways of prevention |
| **Practical Topics** | | **Week** | **Learning Outcome** |
| The practical lectures will be took place in the following area in the labs and hospital*.*  ***Clinical Area:***  Medical Ward  Surgical theater room and Ward  Recovery Room (R.R) | | first | Introducing the area of practical places |
| **History of the patient** | | second | Learn the student how to take history of disease. |
| **Wound care** | | third | Student learn types of wound and how caring of wound to prevent complications. |
| **Foley catheter** | | fourth | Student learn sizes of catheter and indications. |
| **drain** | | Fifth | Student learn name, types of drain and indications. |
| **Suturing** | | Sixth | Student learn name of suturing material and types and size of it. |
| **Dressing** | | seventh | Student learn about dressing type and benefits, |
| **ECG and Monitor in Intensive care unit** | | eighth | Student learn about ECG, and nursing responsibility in intensive care unit. |
| **Insertion canula, POP.** | | ninth | Student learn types of it and how fix it. |
| **Vital sign, injection and all procedure in Emergency unite** | | Tenth | Student learn the procedure might be done in Emergency unit. |
| **Sample of the Questions:**  **Q: Filling the below gaps with suitable words:**   1. Myocardial infarction is caused by reduced blood flow in a coronary artery due to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and occlusion of an artery by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. 2. Explain Dietary management of the GERD? 3. How to instruct the patient with Asthma? | | | |
| **Extra notes:** | | | |
| **External Evaluator** | | | |