

**Course Information**

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| **Course Title: Fundamentals of Nursing Laboratory** | **Course Number: 140111** |
| **Faculty: Nursing** | **Credit Hours: 3** |
| **Department: Adult Health Nursing** | **Pre-requisite: Nursing Fundamentals – Theory (or concurrent)** |
| **Semester and Academic Year: Second semester**  | **Lecturers: Faculty** |

**General Course Description.**

This course was designed to employ theoretical knowledge gained in fundamentals of Nursing (1401110) into actual clinical practice. Students are expected to use their acquired skills to take care of patients of varying ages. This course includes practical training in the nursing laboratory to make certain that the students have demonstrated skillfully and accurately the basic nursing procedures needed for the patient’s care.

**Course Objective**

By the end of the course the student nurse will be able to gain the necessary knowledge, skills, and attitude in providing care for patients to satisfy their physiological and psychological needs.

**Expected Learning Outcomes**

**By the end of the course the student nurse will be able to:**

1. Demonstrate standards of precautions when demonstrating laboratory or clinical skills.

2. Demonstrate the initial patient care within the legal, ethical and regulatory framework of

 nursing practice.

3. In addition, this course introduces classic nursing principles that underpin future clinical practice. Principles include such things as:

 1. Asepsis and sterile Technique

 2. Positioning & moving patients

 3. Documentation

 4. Vital signs

 5. Medication administration

 6. Wounds & dressings

**Course Plan**

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| **Week** | **Topic** |
| **One** (Feb 25 – 29Feb)&**Two** (Mar 3 – 7 Mar) | * Illustrating the syllabus
* Introduction to the manual
* Course policies
* Hand hygiene
* Donning and removing clean and contaminated gowns and gloves
* Donning and removing caps and mask
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| **Three** (Mar 10 – 14)***Ramadan Mubarak*** | * Documentations
* Positioning a client in bed
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| **Four** (Mar 17 – 21) | * Measuring vital signs
* Measuring body temperature
* Assessing pulse rate
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| **Five** (Mar 24 – 28) | * Assessing respiratory rate
* Assessing blood pressure
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| **Six** (Mar31 – 4 April) | * Vital signs revision
* Introduction to medication administration
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| **Seven** (April 7 – 11)***Eid Mubarak*** | * Assisting a client from bed to chair or wheelchair
* Transferring a client from bed to stretcher
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| **Eight** (April 14 – 18) | * Mid-Term Examination [20%] (practical skills).
* Mid-Term Examination [20%] (written) on Thursday, April 18 Time to be determined.
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| **Nine** (April 21 – 25) | * Drug preparation.
* Oral medication
* Administering eye medication
* Administering suppositories
* Drug calculation
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| **Ten** (April 28 – May 2) | * Removing medication from ampoules
* Removing medication from vials
* Administering intradermal injections
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| **Eleven** (May 5 – 9) | * Administering subcutaneous (SC) injections
* Administering intramuscular (IM) injections
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| **Twelve** (May 12 – 16) | * Administering intravenous (IV) injections
* Applying sterile gloves
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| **Thirteen** (May 19 – 23) | Final Examination [30%] (practical skills). |
| **Fourteen** (May 26 – 30 May) | Final Examination [20%] (written) on Sunday 26 May . Time to be determined |

**Expected Learning Outcomes**

* Skills training
* Interactive lectures
* Group work
* Group discussion
* Role modeling
* Reading material
* Assignments

**Appraisal Methods**

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| **Appraisal Method** | **Grade Percentage** |
| Punctuality, grooming, and communication | 5% |
| Student Participation  | 5% |
| Mid-Term Examination (practical skills) | 20% |
| Mid-Term Examination (written) | 20% |
| Final Examination (practical skills) | 30% |
| Final Examination (written) | 20% |
| Total | 100% |
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**Required Textbooks**

**Primary:**

* Berman at al. (2021). *Kozier & Erb's fundamentals of nursing: Concepts, process, and practice*. 11th edn. Upper Saddle River, N.J.: Pearson Prentice Hall.
* Kozier & Erb. (2004). *Techniques in clinical nursing: basic to immediate skills*. 5th edn.
Upper Saddle River, N.J.: Pearson/Prentice Hall

**Strongly recommended:**

* Fundamental of Nursing Clinical Procedure Manual /Faculty of Nursing, Mutah University.

**General Instructions**

* Students should adhere and refer to the student manual for university rules & regulation related to attendance, absenteeism, score, and exams & cheating.
* Exams dates are not subjected to change in normal situations.
* Tardy student will be allowed to attend the lab. However, he/she will be considered absent that day.
* Male students’ uniform is composed of the following: complete dress as described by the faculty instructions, name tag, university badge, black rubber shoes without any jewelries or rings. Male students’ beard should be clean &tidy.
* Female students’ uniform is composed of the following: complete dress as described by the faculty instructions, clear white head cover inserted inside the uniform, name tag, university badge, black rubber shoes without any jewelries or rings and makeup is forbidden.
* Females’ hair should be combed & tied well so it does not become a barrier for skill performance. Nails need to be clean & trimmed.
* Students should respect their instructors, colleagues, & accept constructive criticism**.**
* Students’ participation & volunteering during procedures are highly appreciated**.**
* Drinking or eating & smoking in the lab is strictly prohibited.
* Handle the lab’s equipment carefully & return to its place after training. Report any destroyed equipment immediately to the instructor**.** Also, maintain the cleanliness of the lab**.**
* Cell phones must be turned off during the lab sessions. Student whose cell phone rings must leave the lab immediately.

**Student Alert:**

Every skill or procedure has its own risk to the patient, which are highlighted by stars (\*) in your procedure manual, are called (critical point). As professional nursing student, you shouldn’t put your patient at any degree of risk, which entails not breaching any of those critical points; thus any student who breaches these critical points will be given **a zero mark** in any arranged exam (mid-term or final).

**\*Note:** The above information is a general outline of the material covered. The instructor reserves the right to alter the material either by adding to or deleting from the list, as conditions and time permit.