



**University of Baghdad**  
**College of Nursing**  
**Undergraduate**  
**Curriculum**  
**Fundamentals of Nursing**  
**(1)**



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**1. Course Title: Fundamentals of Nursing(1)**

**2. Course Number:** 101

**3. Credit Hours:** Total of (٧) credits :

**4. Course Calendar:** Total (15) weeks :

Theory: (٤) hrs.

Laboratory: (6) hrs .

**5. Placement: First years /First Semester**

**6. Course Description:**

This course is designed to provide the nursing students with the basic nursing concepts and principles needed for practicing nursing.

**7. Course Objective:**

Upon completion of the course, the student shall be able to:  
It is designed to provide the nursing students with the basic nursing concepts and principles needed for practicing nursing. The course emphasizes on the nature of the client's needs and interventions required for utilizing the patterns of functional health. This course also provides laboratory guided experiences which helps the nursing student in integrating the basic nursing concepts into practice. It also enables her/him in performing the nursing activities safely.

## **8. Course Outline:**

### **Theoretical Content**

#### **Part I: Part I: Asepsis and infection control:**

- 1.1. Definition of term
- 1.2. Type of microorganism causing infection
- 1.3. Types of infection
- 1.4. Chain of infection
- 1.5. Body defense against infection.
- 1.6. Factors increasing susceptibility to infection.
- 1.7. Infection control for health care workers.
- 1.8. Role of the infection control nurse.

#### **Part II: personal hygiene:**

- daily care (skin, feet, nail, mouth, hair, ear, nose)

#### **Part III: Safety and activity:**

3. ١. Body mechanics.
3. ٢. Maintaining good posture.
3. ٣. Protective devices.
3. ٤. Nursing implication.
3. ٥. Therapeutic exercise .

#### **Part IV: Vital signs:**

- 4.1: Body temperature
- 4.2. Pulse
- 4.3. Respiration
- 4.4. Blood pressure
- 4.5. Oxygen saturation.

#### **Part V: Wound care and healing process:**

- 5.1. skin integrity
- 5.2.type of wound
- 5.3.type of wound healing
- 5.4.phases of wound healing
- 5.5.kind of wound drainage
- 5.6.complication of wound
- 5.7.healing factors affecting of wound healing
- 5.8. Pressure ulcer .

#### **Part VI: Medication administration:**

- ٦,١ . Drug standard.
- ٦,٢. Legal asepsis of drug administration.
- ٦,٣. Effect and action of drugs.
- ٦,٤. Routes of administration.
- ٦,٥ . System of measurement.
- 6.6. Medication orders.

**Part VII: Intravenous infusion**

**Part VIII: Blood transfusion**

**Part IX: Nursing process:**

**Part X: nursing documentation:**

1. Definition of terms.
2. Purpose of effective documentation.
3. Principles of effective documentation.
4. Elements of effectiveness of documentation
5. Method of documentation
  - a) Trends in documentation.
  - b) Reporting

**Part XI: Hot and Cold Application:**

**Laboratory Content**

**Part I:**

- 1.1: Hand washing
- 1.2: Isolation techniques (personal protective equipment).

**Part II: Body mechanics**

- 2.1: movement
- 2.2: posture

### **Part III: Vital signs:**

3.1: Body temperature

3.2: Pulse

3.3: Respiration

3.4: Blood pressure

3.5. Oxygen saturation

### **Part IV: Wound Dressing**

4.1. Dressing a wound

4.2. Bandage and binders

### **Part V: Administration of Medication:**

- Oral medication.

- Injection of medication.

1- I.D Injection.

2- S.C Injection

3- I.M Injection

4- I.V Injection

### **Part VI: Intravenous infusion**

### **Part VII: Blood transfusion**

### **Part VIII: Physical examination**

### **Part IX: Admission, transfer, discharge.**

### **Part X: Hot and cold applications**