



**University of Thi-Qar  
College of Nursing  
Undergraduate Program  
Fundamentals of Nursing**

- 1. Course title: Fundamentals of Nursing Theory**
- 2. Course Number: (203)**
- 3. Credit hours :(3) credit**
- 4. Course calendar :(3) hours weekly of (15) weeks**
- 5. Placement: Second Academic year / First Semester**
- 6. Course description:**

This course serves as a base for other nursing courses. 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.

**7. Course objectives:**

Upon completion of this course the student will be able to:

1. Recognize the principle underlying all nursing intervention procedures related to providing care to client in adult nursing care.
2. Apply a systematic approach of analyzing the patient's problems.
3. Utilize systematic approach of analyzing the problems.
4. Perform basic nursing skills related to various client conditions.
5. Utilize principles of medical /surgical asepsis and universal precautions in client care.

## **8. Course Outline:**

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

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

### **Part II: Safety and activity**

- 2.1. Body mechanics
- 2.2. Maintaining good posture
- 2.3. Protective devices
- 2.4. Nursing implication
- 2.5. Therapeutic exercise

### **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 care and healing process**

### **Part V: Midterm Examination**

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

- 6.1. Drug standard
- 6.2. Legal asepsis of drug administration
- 6.3. Effect and action of drugs
- 6.4. Routes of administration
- 6.5. System of measurement
- 6.6. Medication orders

### **Part VII: Oral Medication**

### **Part VIII: Injection of Medication**

### **Part IX: Fluid and Electrolyte (Intravenous infusion)**

### **Part X: Blood Transfusion**

**Part XI: Hot and Cold Applications**

**Part XII: Diagnostic Testing**

**Part XIII: Midterm Examination**