



كلية العلوم الطبية التطبيقية  
Applied Medical Science Faculty



## Department of Respiratory Care

### Course Specification of Introduction to Respiratory Care

Course No. (08 05 561)

2025/2024

**Course Description: Introduction to Respiratory Care**

**II. Course Description:**

This course provides a foundation in respiratory care, exploring its history, professional standards, safety, ethics, physical principles, technology, research, and evidence-based practice .

**V. Course Content:**

**Distribution of Semester Weekly Plan of Course Topics/Items and Activities.**

**A – Theoretical Aspect:**

| Order                                   | Topics List                                                        | WeekDue | Contact Hours |
|-----------------------------------------|--------------------------------------------------------------------|---------|---------------|
| 1                                       | Early History of Respiratory Care,                                 | 1       | 2             |
| 2                                       | The Profession of Respiratory Care, and Professional Organizations | 2       | 2             |
| 3                                       | The Profession of Respiratory Care, and Professional Organizations | 3       | 2             |
| 4                                       | Quality, Patient Safety, and Communication,                        | 4       | 2             |
| 5                                       | Principles of Infection Prevention and Control,                    | 5       | 2             |
| 6                                       | Principles of Infection Prevention and Control,                    | 6       | 2             |
| 7                                       | Ethical and Legal Implications of Practice,                        | 7       | 2             |
| 8                                       | Mid- Exam                                                          | 8       | 2             |
| 9                                       | Physical Principles of Respiratory Care,                           | 9       | 2             |
| 10                                      | Physical Principles of Respiratory Care,                           | 10      | 2             |
| 11                                      | Patient Safety                                                     | 11      | 2             |
| 12                                      | E-Medicine in Respiratory Care,                                    | 12      | 2             |
| 13                                      | Fundamentals of Respiratory Care Research                          | 13      | 2             |
| 14                                      | Respiratory Care<br>Evidence-Based Practice                        | 14      | 2             |
| 15                                      | Review                                                             | 15      | 2             |
| 16                                      | Final- Exam                                                        | 16      | 2             |
| Number of Weeks /and Units Per Semester |                                                                    | 16      | 32            |

### Teaching strategies of the course:

1. Lecture method
2. Physical Assessment
3. Brainstorming
4. Demonstration
5. Case study discussions

### Schedule of Assessment Tasks for Students during the Semester

#### Theoretical part

| No.                 | Assessment Method         | Week Due                                  | Mark | Proportion of Final Assessment |  |
|---------------------|---------------------------|-------------------------------------------|------|--------------------------------|--|
| 1                   | Attendance and Activities | 15 <sup>th</sup> week                     | 5    | 5%                             |  |
| 2                   | Student assignment        | 5 <sup>th</sup> and 12 <sup>th</sup> week | 5    | 5%                             |  |
| 3                   | Mid-term exam             | 7 <sup>th</sup> or 8 <sup>th</sup> week   | 20   | 20%                            |  |
| 4                   | Final exam                | 16 <sup>th</sup> -17 <sup>th</sup> week   | 70   | 70 %                           |  |
| Total Theory Weight |                           |                                           | 100  | 100%                           |  |