



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Respiratory Therapy Department

RTH102 Introduction To Respiratory Therapy - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

2 Credit Hours. This course provides students with meaningful definition of respiratory therapy and describes the roles and responsibilities of respiratory therapists. It will also provide students with anatomical and physiological aspects of the respiratory system. In addition to respiratory terminology, the course will also focus on oxygen therapy, its delivery and equipment. Basic airway adjuncts and management procedures will be explained. Students will also be provided with the main aspects of respiratory and nutrition assessment.

Teaching Method: Blended

Text Book

Title	Egan's Fundamentals of Respiratory Care,
Author(s)	Kacmarek. R.M, Stoller J.K, Heuer. A.J, Chatburn R.L., Kallet.R.H.
Edition	12th Edition
Short Name	Egan's
Other Information	Publisher: Elsevier 2021

Instructor

Name	Dr. Mohammed Kasasbeh
Office Location	-
Office Hours	
Email	makasasbeh@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Mon : 08:30 - 09:30
Room: M4201

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction & Historical Aspects	From Egan's
Week 2	Roles of Respiratory Therapists	From Egan's
Weeks 3, 4	Anatomy and Physiology of Respiration	From Egan's
Weeks 3, 4	Anatomy and Physiology of Respiration	From Egan's
Week 5	Respiratory Terminology	From Egan's
Week 6	Oxygen Therapy	From Egan's
Week 7	Oxygenation Equipment	From Egan's
Week 8	Oxygen Delivery; Parts and Designs	From Egan's
Week 9	Infection Prevention and Control	From Egan's
Week 10	Basic Airway Adjuncts	From Egan's
Weeks 11, 12	Assessment of Respiratory Disorders	From Egan's
Week 13	Nutrition Assessment	From Egan's
Week 14	Ethical issues	From Egan's
Week 15	Ethical issues & Revision	From Egan's

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify respiratory therapy and its relevant aspects. [1PLO 1, 1PLO 2] [1L7K1]	10%	
Describe the main roles and responsibilities of respiratory therapists. [1PLO 1, 1PLO 2, 1PLO 7] [1L7K1]	10%	
Identify the main anatomical and physiological aspects of respiration. [1PLO 1, 1PLO 2] [1L7K1]	10%	
Demonstrate adequate understanding of the main respiratory terminology [1PLO 1, 1PLO 2, 1PLO 3, 1PLO 4, 1PLO 7] [1L7K1, 1L7S1, 1L7S3, 1L7C1]	10%	
Describe elements relevant to basic airway adjuncts and oxygen therapy [1PLO 1, 1PLO 2] [1L7K1]	30%	
Demonstrate general understanding of the main aspects of respiratory and nutrition assessment. [1PLO 1, 1PLO 2, 1PLO 3] [1L7K1, 1L7S2, 1L7S3, 1L7C1]	30%	

Relationship to Program Student Outcomes (Out of 100%)						
PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
40.33	40.33	12	2			5.33

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S1	L7S2	L7S3	L7C1
70	2.5	7.5	10	10

Date Printed: 2024-02-20