



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

RTH386 Clinical Training 2 - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

3 Credit Hours. This course is a complementary element for the previous RTH383 Clinical Training 1. Students will undergo rotations of clinical training at accredited medical institutions, receiving hands-on guidance from experienced trainers and clinical instructors. New procedures are introduced in this course according to the student's level of progress in theoretical & practical subjects; these procedures include Arterial blood gas sampling and analysis, Suctioning, Tracheostomy, Stoma Care, Endotracheal Intubation, Small & large Volume Nebulizers Therapy, Humidity & Oxygen Therapy, & Chest physiotherapy. students will focus on effective communication and essential interpersonal skills combined with evidence-based practice. They will also acquire more advanced practical and clinical skills, such as dealing with advanced respiratory adjuncts, advanced patient examination, dealing with advanced devices of airway management, and other respiratory therapist professional skills.

Teaching Method: On Campus

Text Book

Title	EGANS FUNDAMENTALS OF RESPIRATORY CARE
Author(s)	Robert M. Kacmarek, PhD, RRT, FAARC, FCCP, FCCM James K. Stoller, MD, MS, FAARC, FCCP Albert J. Heuer, PhD, MBA, RRT, RPFT
Edition	13th Edition
Short Name	FUNDAMENTALS OF RESPIRATORY CARE
Other Information	ISBN: 9780323931991 03/2024

Course References

Short name	Book name	Author(s)	Edition	Other Information
Competency in respiratory care	Laboratory Exercises for Competency in Respiratory Care	Thomas J. Butler, PhD, RRT-NPS, RPFT	3rd Edition	ISBN 978-0-8036-2679-9

Instructor

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Class Schedule & Room
<p>Section 2: Lecture Time: Tue : 08:30 - 14:30 Room: HOSPITAL</p> <p>Section 3: Lecture Time: Sun : 08:30 - 14:30 Room: HOSPITAL</p> <p>Section 4: Lecture Time: Sun : 08:30 - 14:30 Room: HOSPITAL</p> <p>Section 5: Lecture Time: Sun : 08:30 - 14:30 Room: HOSPITAL</p> <p>Section 6: Lecture Time: Tue : 08:30 - 14:30 Room: HOSPITAL</p>

Prerequisites		
Line Number	Course Name	Prerequisite Type
1163830	RTH383 Clinical Training 1	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction and orientation in lab	
Week 2	Introduction and orientation in hospital	
Week 3	Infection Control	From FUNDAMENTALS OF RESPIRATORY CARE
Week 4	Communication Skills	From FUNDAMENTALS OF RESPIRATORY CARE
Week 5	Health History & patient medical records	From FUNDAMENTALS OF RESPIRATORY CARE
Week 6	Data Management	From FUNDAMENTALS OF RESPIRATORY CARE
Week 7	Respiratory Equipment	From Competency in respiratory care
Week 8	Patient Assessment	From FUNDAMENTALS OF RESPIRATORY CARE
Week 9	Arterial Blood Gases Sampling & Analysis	From FUNDAMENTALS OF RESPIRATORY CARE
Week 10	Suctioning	From FUNDAMENTALS OF RESPIRATORY CARE
Week 11	Tracheostomy and Stoma Care	From FUNDAMENTALS OF RESPIRATORY CARE
Week 12	Endotracheal Intubation	From FUNDAMENTALS OF RESPIRATORY CARE
Week 13	Small & large Volume Nebulizers Therapy	From FUNDAMENTALS OF RESPIRATORY CARE
Week 14	Humidity & Oxygen Therapy	From FUNDAMENTALS OF RESPIRATORY CARE
Week 15	Chest physiotherapy	From FUNDAMENTALS OF RESPIRATORY CARE
Week 16	Professionalism	From Competency in respiratory care
Week 16	CLINICAL COMPREHENSIVE SIMULATION EXAM	From FUNDAMENTALS OF RESPIRATORY CARE , From Competency in respiratory care

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method

Build professional and synergistic relationships within interdisciplinary healthcare teams. [3PLO 1, 2PLO 3, 5PLO 4, 5PLO 7] [2L7K1, 2L7S2, 3L7S3, 3L7C2, 5L7C3]	15%	CLINICAL PERFORMANCE EVALUATION
Deliver oxygen therapy safely, accurately, and competently according to the latest evidence-based practice. [4PLO 1, 5PLO 2, 6PLO 3] [4L7K1, 5L7C2, 6L7C3]	15%	CLINICAL PERFORMANCE EVALUATION
Establish rapport with patients and effectively convey pertinent information. [2PLO 1, 3PLO 2, 4PLO 4, 1PLO 5] [4L7S3, 3L7C1, 3L7C2]	10%	CLINICAL PERFORMANCE EVALUATION
Demonstrate accurate and safe advanced airway management procedures to critically ill patients. [5PLO 1, 4PLO 3, 4PLO 5, 2PLO 7] [4L7K1, 4L7S1, 3L7S2, 4L7C3]	15%	CLINICAL COMPREHENSIVE SIMULATION EXAM
Utilize precise documentation of patient data utilizing institutional electronic health record systems. [3PLO 2, 2PLO 3, 2PLO 5, 3PLO 7] [3L7S1, 2L7S2, 2L7C1, 3L7C2]	10%	CLINICAL PERFORMANCE EVALUATION, APPLIED CLINICAL ASSIGNMENTS, CLINICAL COMPREHENSIVE SIMULATION EXAM
Evaluate critically ill respiratory patients' diagnostic tests accurately. [4PLO 1, 5PLO 2, 3PLO 5, 3PLO 6] [3L7K1, 3L7S1, 3L7S2, 2L7S3, 4L7C4]	15%	APPLIED CLINICAL ASSIGNMENTS, CLINICAL COMPREHENSIVE SIMULATION EXAM
Apply concepts of professionalism, ethical conduct, and prioritization of patient-centric care. [4PLO 2, 3PLO 3, 3PLO 5] [4L7K1, 2L7S1, 2L7S2, 2L7C2]	10%	CLINICAL COMPREHENSIVE SIMULATION EXAM, PROFESSIONALISM - ATTENDANCE and PUNCTUALITY
Employ accurate and suitable personal protective equipment (PPE) in clinical settings. [3PLO 1, 3PLO 2, 2PLO 3, 2PLO 7] [3L7K1, 2L7S2, 2L7C1, 3L7C4]	10%	CLINICAL COMPREHENSIVE SIMULATION EXAM, PROFESSIONALISM - ATTENDANCE and PUNCTUALITY

Relationship to Program Student Outcomes (Out of 100%)

PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
21	23	19	9	13	3	12

Relationship to NQF Outcomes (Out of 100%)

L7K1	L7S1	L7S2	L7S3	L7C1	L7C2	L7C3	L7C4
20	12	14	9	7	16	15	7

Evaluation

Assessment Tool	Weight
CLINICAL PERFORMANCE EVALUATION	50%
APPLIED CLINICAL ASSIGNMENTS	15%
CLINICAL COMPREHENSIVE SIMULATION EXAM	25%

PROFESSIONALISM - ATTENDANCE and PUNCTUALITY	10%
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Policy	
Statement on Professionalism	Professional behavior is expected of students at all times. Attitude and professional behavior are the minimum criteria for passing this training. Examples of unprofessional behavior include but are not limited to missing training days, arriving late, conflict with colleagues or staff in hospitals, and leaving the training before its completion without prior authorization of the instructor.
Cheating	University regulations will be applied to cases of cheating and/or plagiarism.
Cell phone	The use of cellular phones is prohibited in placement and during exams. The cellular phone must be switched off in clinical placements and during exams.
Lateness	<ol style="list-style-type: none"> 1. Prompt attendance is required in all clinical courses. Your level of attendance is included in your daily evaluation and should affect your daily performance and subsequently your final semester grade. 2. If a student is going to be late, he or she should inform the clinical instructor of the respective hospital that he/she is assigned. 3. Lateness of 2 times (10 minutes or more each) in the same hospital is equivalent to one (1) clinical absence. 4. Excessive lateness of 8 times (4 absences) will result in an 'F' grade in the clinical education course. 5. Personal appointments (such as doctor appointments) must not be made during the time of your clinical rotation. 6. Special circumstances are under the approval of the clinical training coordinator
Absences	<ol style="list-style-type: none"> 1. Only excused absences are considered for make-up. Each excused absence will be equal to one (1) day of make-up. 2. Days to be made up must be arranged with the clinical instructor of the clinical site and are to be completed before the end of each semester. 3. Unexcused absences will automatically be considered zero (0) grade and will not be entitled to a makeup day. 4. Makeup days will be scheduled in the same clinical site where the absences occur. 1 (excused) clinical absence will be equivalent to 1-day makeup. 5. Students who incurred (2 or more) absences shall receive a notice and must immediately report to the clinical training coordinator. 6. As per University policy on absences, any student incurring absences of 25% and above shall not be allowed to take the final comprehensive examination. 7. non-completion of clinical education hours will result in an 'F' grade for that clinical education course.
General rules	<ul style="list-style-type: none"> - Students are expected to comply with university policies regarding personal appearance and dressing - Required dress code (Males): - Scrub (Gray Color): Pants (slacks), long sleeves or short sleeves polo shirts, lab coats, closed shoes, and college pins. - Required dress code (Females): - Scrub: Pants (slacks), long sleeves or short sleeves polo shirts, lab coat, - closed shoes, college pin - Head cover, long dress uniform, laboratory coat, college pin, closed shoes. - No sandals, no jeans, no perfumes, no jewelry, and no make-up. - Students are entitled to a lunch break of 30 minutes during the 6-hour shift.
Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor/tutor. You can contact your instructor/tutor using the e-mail or during office hours.

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