

RESC 3706 - Respiratory Procedures 2

Fall 2026 Syllabus, Section 01, CRN 40877,

Credit hours: 2

Instructor

Heather O'Connell

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Public Instructor Information

Instructor Title: Dr. Heather O'Connell DHA, RRT, RRT-ACCS, CPFT

Instructor Professional Qualifications: Doctorate in Healthcare Administration- Walden University (2022); Master's in Healthcare Administration- Southern New Hampshire (2016); Bachelor's in Cardiopulmonary Sciences- University of Central Florida (2008);

Instructor Office Location: Cushwa Hall 1110

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Course Description

3706. Respiratory Procedures 2. Airway management techniques and other critical care procedures. Two hours lecture. Prereq.: acceptance into the respiratory care program. Coreq.: RESC 3706L. 2 s.h.

This course is an introductory to advanced clinical practices. This will be introduced through formative assignments.

Course Readings

Group	Title	Author	ISBN
Required	Egan's Fundamentals of Respiratory Care, 12th edition.	Kacmarek, R.M., Stoller, J.K., & Heuer, A.J.	
Optional	Mosby's Respiratory Care Equipment 9th or 10th edition	Cairo, J.M.	

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Mon	8/24	Powerpoints	Introduction/ Overview of Course	
Mon	8/31	Egan's Chapter 36	Artificial Airways: Introduction to Airway management. Maintenance of artificial Airways	
Mon	9/7	Egan's Chapter 36 continued	Endotracheal/Nasotracheal suctioning.	
Mon	9/14	Chapter 36, depending on edition of Egan's	Intubation/Extubation Pharmacology- Review PPT	Drug Calculations Homework
Mon	9/21	Exam 1	Exam 1	
Mon	9/28	Egan's Chapter 36	Tracheostomy and Percutaneous Tracheostomy Tubes Tracheostomy Tubes Speaking Valves Cricothyrotomy	Medication homework assignment



Mon	10/5	Chapter 36 in Egans	Review these topics below:Tracheostomy/ Stoma Care Tracheostomy Tubes Speaking Valves Suctioning	
Mon	10/12	Chapter 19 Egan's	ABG's	Overdose case study
Mon	10/19	Chapter 20 Egans Watch PFT videos prior to lecture.	Lab Practice: Tracheostomy/Stoma Care Intubation.Extubation Cuff Pressure Suctioning	
Mon	10/26	Exam 2 at YSU		
Mon	11/2	Read Chapter 4 Egans	Infection Control and isolation guidelines	COPD Case Study
Mon	11/9	Read Chapter 4 egans	Sterilization procedures	
Mon	11/16	No readings this week	Complete any required materials this week	Post-extubation Case Study
Mon	11/23	No readings this week	Review for Final exam	Reminder no lab this week for the Holidays
Mon	11/30		Practice suctioning.	Asthma Case Study
Mon	12/7		Final Exam	

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