



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Practicum IV Seminar
Course Number: RCT225

Required Materials

Textbook(s): Heuer, A. J., & Rodriguez, N. E. (2020). *Comprehensive respiratory therapy exam preparation with access code* (4th ed.). Jones & Bartlett Learning.

Stoller, J. K., Heuer, A. J., Vines, D. L., Chatburn, R. L., & Mireles-Cabodevila, E. (2025). *Egan's fundamentals of respiratory care* (13th ed.). Elsevier.

Required Readings: See weekly calendar below.

Additional Materials: Course materials available in the College bookstore.
 Available on the college LMS.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Semester Week	Topic/Chapter
Week 1	Read/review: <ul style="list-style-type: none"> • Review course syllabus and expectations • Register for RT Exam Review Navigate account for Test Prep • Register for AARC membership account <ul style="list-style-type: none"> ○ Send your username/email address • Review Career Services page here at: https://myssc.starkstate.edu/pages/career-services
Week 2	Guest Speaker Topic- Career Services/Interviewing Skills
Week 3	Guest Speaker – Career Services Topic: Resume Writing/ Cover Letter

Week 4	<p>(Online)</p> <ul style="list-style-type: none"> • Recommend Diagnostic Procedures <p>Read/review:</p> <ul style="list-style-type: none"> • Comprehensive Respiratory Therapy Exam Prep Guide by Heuer- Chapter 5 Recommend Diagnostic Procedures. • Directions to access Navigate TESTPREP are posted on LMS.
Week 5	<p>Guest Speakers- Another Act of Kindness presentation (A COVID19 patient/family experience)- Johnathon and Michelle Maas or other guest as available.</p>
Week 6	<p>(Online)</p> <ul style="list-style-type: none"> • AARC Law and Professional Ethics course <p>Read/review: (Online) AARC Law and Professional Ethics course- takes around 2.5 hours to complete. Must score 70% on post-test to receive certificate of completion.</p> <ul style="list-style-type: none"> <input type="checkbox"/> www.aarc.org <input type="checkbox"/> Hit Sign in - Use email address and password you used when created the account. <input type="checkbox"/> Choose Education and Resources <input type="checkbox"/> Under the Online Courses heading click on AARC University <input type="checkbox"/> Then choose My Programs <input type="checkbox"/> On demand programs – Choose AARC Law and Professional Ethics course <input type="checkbox"/> Hit Start
Week 7	<p>PFT Interpretation Review- in class</p>
Week 8	<p>Guest Speaker Topic: Air and Land Transport</p> <p>Read/review:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Read pgs. 350-354 (Patient Transport) in Comprehensive Respiratory Therapy Exam Preparation Guide by Heuer <input type="checkbox"/> Read Course Materials pgs. 3-7
Week 9	<p>(Online)</p> <ul style="list-style-type: none"> • Assisting a Physician/Provider in Performing Procedures
Week 10	<p>Pharmacology Review- in class (Online)</p> <ul style="list-style-type: none"> • Administer Medication and Specialty Gases • Ensure Modification Are Made to the Respiratory Care Plan <p>Read/Review:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Comprehensive Respiratory Therapy Exam Prep Guide by Heuer <ul style="list-style-type: none"> ○ Chapter 12- Administer Medications and Specialty Gases ○ Chapter 13- Ensure Modifications Are Made to the Respiratory Care Plan
Week 11	<p>(Online) YouTube videos</p> <p>Watch:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Differences- HBO, Heliox, NO (link on LMS) <input type="checkbox"/> Heliox videos (links on LMS) <input type="checkbox"/> Nitric Oxide (link on LMS)

	<p>Read/Review:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Egan's Chapter 42 pages 922-928 (Medical Gas Therapy- HBO, Nitric, Heliox)
Week 12	<p>(Online)</p> <ul style="list-style-type: none"> • Assemble and Troubleshoot Devices • Ensure Infection Prevention • Perform Quality Control Procedures <p>Read/Review:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Comprehensive Respiratory Therapy Exam Prep Guide by Heuer <ul style="list-style-type: none"> ○ Chapter 6- Assemble and Troubleshoot Devices ○ Chapter 7- Ensure Infection Prevention ○ Chapter 8- Perform Quality Control Procedures
Week 13	<p>(Online)</p> <ul style="list-style-type: none"> • YouTube video – ECMO <p>Watch:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ECMO video (link on LMS)
Week 14	<p>Guest Speaker-Lifebanc rep. Topic- LifeBanc presentation role of RT</p> <p>(Online)</p> <ul style="list-style-type: none"> • Cultural Competency and Diversity in Health care • State Medical Board of Ohio Respiratory Care YouTube video <p>Watch:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Cultural Competency video (07:06-link on LMS) <p>Read:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Read the Cultural Competency document (link on LMS) <input type="checkbox"/> Read Course Materials pgs. 11-21
Week 15	<p>(Online)</p> <p>Continue previous week requirements</p>