



North Central State College  
MASTER SYLLABUS  
2019-2020

- A. Academic Division: Health Sciences
- B. Discipline: Respiratory Care
- C. Course Number and Title: RESP 2390 Practicum III
- D. Course Coordinator: Tricia Winters, BBA, RRT, RCP  
Assistant Dean: Melinda Roepke, MSN, RN

Instructor Information:

- Name: [Click here to enter text.](#)
- Office Location: [Click here to enter text.](#)
- Office Hours: [Click here to enter text.](#)
- Phone Number: [Click here to enter text.](#)
- E-Mail Address: [Click here to enter text.](#)

- E. Credit Hours: 2.5  
Practicum: 10 hours  
Seminar: 1 hour
- F. Prerequisites: RESP1220, RESP1290  
Co-requisite(s): RESP2330c, RESP2310c
- G. Syllabus Effective Date: Fall, 2019
- H. Textbook(s) Title:

*Clinical Practitioner's Pocket Guide to Respiratory Care*

- Author: Oakes
- Copyright Year: 2008
- Edition: 7<sup>th</sup>
- ISBN #: 978-0932887313

- I. Workbook(s) and/or Lab Manual: None
- J. Course Description: This is a practicum course. The student will be assigned to a hospital 16 hours per week for 10 week (160 total hours) to work under the direct supervision of a practicum instructor. This is a continuation of RESP1290. This course provides practicum experience for the student to practice respiratory care skills the student obtained in RESP1210. The student will perform direct patient care in an ICU setting evaluating patients' medical records, assessing patients' oxygen therapy needs, practice administration/assessment of medical gas therapy, humidity/aerosol therapy, perform oxygen analysis, perform sterilization/infection control procedures, perform hyperinflation therapy, bronchopulmonary hygiene techniques on patients, airway management, bronchopulmonary hygiene, lung expansion therapy, intermittent aerosolize therapy via different modalities, dispensing respiratory pharmacologic agents, arterial blood gas punctures and analysis, mechanical ventilation, and airway management techniques including extubation. The student may be involved in emergency medical procedures including cardiopulmonary resuscitation and the use of manual resuscitators. Seminar time is provided at campus.

K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	

L. Course Outcomes and Assessment Methods:

Upon successful completion of this course, the student shall:

Outcomes	Assessments – How it is met & When it is met
1. Collect, evaluate, and review existing data in the patients' record to assess the patient's cardiopulmonary system and make recommendations to initiate or modify therapy.	S.O.A.P. rubric, daily beginning week 2 Practical Final examination week 10
2. Perform the following procedures: a. Patient data: vital signs, chest assessment, patient assessment, x-ray interpretation b. Oxygen therapy: nasal cannula, simple mask, partial rebreather, non-rebreather, air entrainment mask, pulse oximetry, transport with oxygen, high flow nasal cannula c. Aerosol and humidity therapy: face tent, face mask, trach collar, t-piece, ultrasonic nebulizer d. Charting e. Aerosol drug administration : metered dose inhaler, dry powder inhaler, small volume nebulizer, in-line metered dose inhaler, in-line small volume nebulizer f. Hyperinflation therapy: incentive spirometry, intermittent positive pressure breathing g. Bronchial hygiene: chest physiotherapy, coughing, breathing exercises, mucous clearance adjuncts, MetaNeb, intrapulmonary percussive ventilation, h. Ventilatory care: ventilator setup, routine ventilator check, ventilator parameter change, ventilator graphics analysis, capnography i. Weaning from mechanical ventilation: weaning parameters, weaning j. Noninvasive positive pressure ventilation: noninvasive ventilator setup, noninvasive ventilator check k. Manual ventilation during transport, transport ventilation setup l. Suctioning procedures: endotracheal suctioning, nasotracheal suctioning, tracheal suctioning, in-line suctioning m. Endotracheal tube/tracheostomy care: securing artificial airway, cuff management, heat/moisture exchanger, extubation n. Arterial Blood Gasses: ABG Sampling, ABG Analysis, ABG Analyzer Quality Assurance	SOAP rubric, daily beginning week 2 Practical final examination week 10 Procedure check-off daily week 10 Student practicum evaluation, week 5 & 10

Outcomes	Assessments – How it is met & When it is met
3. Evaluate patient response to oxygen therapy and intermittent therapy (objective and/or subjective), mechanical ventilation, and make recommendations to modify therapy.	S.O.A.P. rubric, daily beginning week 2
4. Select, assemble, and troubleshoot all oxygen delivery systems, intermittent therapy devices and/or setups, and mechanical ventilators	Direct observation by instructor, daily. Procedure check-off beginning week 2 Practical Final week 10
5. Document oxygen, intermittent therapy, and mechanical ventilation in the patient medical record.	Direct observation by practicum instructor, daily. Procedure check-off beginning week 2.

M. Topical Timeline (Subject to Change):

1. Patient assessment (HR, Br.S., RR, BP, percussion, palpation, X-ray, Lab values, and color)
2. Low-flow Oxygen devices
3. High-flow Oxygen devices
4. CPAP, Bi-Level
5. O2 Analysis
6. Charting
7. Universal precautions
8. Oximetry studies
9. Isolation techniques
10. Sterilization techniques
11. Bronchopulmonary hygiene techniques
12. Hyperinflation therapy
13. Intermittent aerosolized medication therapy
14. MDA, DPI, Nasal Sprays
15. ABG puncture
16. ABG analysis
17. IPPB
18. Airway clearance, suctioning and maintenance
19. Emergency medical procedures and CPR
20. Hand ventilation, bagging/PPV

N. Course Assignments:

1. Daily S.O.A.P. (subjective, objective, assessment, plan) charting
2. Direct hands-on patient care
3. Additional assignments and projects will be completed and shared with the class such as: laboratory test and results, definitions of medical terms, diagnostic testing, medications, and pathology.
4. Additional assignments and projects are to be completed and shared with the class.

O. Recommended Grading Scale:

NUMERIC	GRADE	POINTS	DEFINITION
93–100	A	4.00	Superior
90–92	A-	3.67	Superior
87–89	B+	3.33	Above Average
83–86	B	3.00	Above Average
80–82	B-	2.67	Above Average
77–79	C+	2.33	Average
73–76	C	2.00	Average

70-72	C-	1.67	Below Average
67-69	D+	1.33	Below Average
63-66	D	1.00	Below Average
60-62	D-	0.67	Poor
00-59	F	0.00	Failure

P. Grading and Testing Guidelines:

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Q. Examination Policy:

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R. Class Attendance and Homework Make-Up Policy:

Click here to enter text.

S. Classroom Expectations:

Click here to enter text.

T. College Procedures/Policies:

**Important information regarding College Procedures and Policies can be found on the [syllabus supplement](https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf) located at <https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf>**

**The information can also be found** Choose an item.