



North Central State College
MASTER SYLLABUS
2019-2020

- A. Academic Division: Health Sciences
- B. Discipline: Respiratory Care
- C. Course Number and Title: RESP1290 Practicum II
- 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: 12 hours
Seminar 1 hour
- F. Prerequisites: RESP1110, RESP1190
Co-requisite(s): RESP1220c, RESP1250c, RESP1270c
- G. Syllabus Effective Date: Fall, 2019
- H. Textbook(s) Title:

Clinical Practitioner's Pocket Guide to Respiratory Care

- Author: Oakes
- Copyright Year: 2008
- Edition: 7th edition
- 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 12 hours per week for 13 weeks (156 total hours) to work under the direct supervision of a practicum instructor. This is a continuation of RESP1190. This course provides practicum experience for the student to the practice respiratory care skills the student obtained in RESP1110. The student will perform direct patient care by 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, and airway management techniques. 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
2. Perform the following procedures: a. Vital signs b. Chest assessment c. Pulse oximetry d. Peak flow e. Handwashing f. Adult isolation procedures g. Oxygen therapy: nasal cannula, simple mask, partial rebreather, non-rebreather, air-entrainment mask, high flow nasal cannula, transport with oxygen, manual ventilation during transport h. Lung expansion: incentive spirometry, intermittent positive pressure breathing i. Humidification: face tent, face mask, trach collar, t-piece, heat/moisture exchanger, ultrasonic nebulizer j. Bronchopulmonary hygiene: coughing, chest physiotherapy, mucous clearance adjuncts k. Aerosol drug administration: small volume nebulizer, metered dose inhaler, dry powder inhaler, adult inline metered dose inhaler, adult inline small volume nebulizer l. Noninvasive positive pressure ventilation: noninvasive ventilator setup, noninvasive ventilator check m. Adult arterial blood: ABG sampling, ABG analysis, ABG analyzer quality assurance n. Suction procedures: endotracheal suctioning, nasotracheal suctioning, tracheal suctioning, in-line suctioning	SOAP rubric, daily Procedure check-off weekly Student Evaluation: week 8 & 16 Practical final exam week 16

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

M. Topical Timeline (Subject to Change):

1. Vital signs
2. Chest Assessment
3. Pulse Oximetry
4. Peak Flow
5. Handwashing
6. Adult Isolation Procedures
7. Oxygen Therapy
 - a. Nasal Cannula
 - b. Simple Mask
 - c. Partial Rebreather
 - d. Non-Rebreather
 - e. Air Entrainment Mask
 - f. High Flow Nasal Cannula
 - g. Transport with Oxygen
 - h. Manual Ventilation during Transport
8. Lung Expansion
 - a. Incentive Spirometry
 - b. Intermittent Positive Pressure Breathing
9. Humidification
 - a. Face Tent
 - b. Face Mask
 - c. Trach Collar
 - d. T-Piece
 - e. Heat/Moisture Exchanger
 - f. Ultrasonic Nebulizer
10. Broncho-pulmonary Hygiene
 - a. Coughing
 - b. Chest Physiotherapy
 - c. Mucous Clearance Adjuncts
11. Aerosol Drug Administration
 - a. Small Volume Nebulizer
 - b. Metered Dose Inhaler
 - c. Dry Powder Inhaler
 - d. Adult Inline Metered Dose Inhaler
 - e. Adult Inline Small Volume Nebulizer
12. Noninvasive Positive Pressure Ventilation:
 - a. Noninvasive Positive Pressure Ventilator Setup
 - b. Noninvasive Positive Pressure Ventilator Check
13. Arterial Blood Gas:
 - a. ABG Sampling
 - b. ABG Analysis
 - c. ABG Analyzer Quality Assurance
14. Suction Procedures:

- a. Endotracheal Suctioning
- b. Nasotracheal Suctioning
- c. Tracheal Suctioning
- d. Inline Suctioning

N. Course Assignments:

- 1. Daily S.O.A.P. (subjective, objective, assessment, plan) charting
- 2. Skills Competency Check-offs
- 3. Practical Exam

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:

Click here to enter text.

Q. Examination Policy:

Click here to enter text.

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](#) located at <https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf>

The information can also be found Choose an item.