



North Central State College

MASTER SYLLABUS

2025-2026

A. Academic Division: Health Sciences

B. Discipline: Respiratory Care

C. Course Number and Title: RESP1290 Practicum II

D. Assistant Dean: Heidi Kreglow, PT

E. Credit Hours: 2.5
Practicum: 12 hours
Seminar 1 hour

F. Prerequisites: RESP1110, RESP1190
Co-requisite(s): RESP1220c, RESP1250c, RESP1270c

G. Last Course/Curriculum Revision Date: Fall 2023 Origin date: 12/22/2010

H. Textbook(s) Title:

Clinical Practitioner's Pocket Guide Respiratory Bundle

- Author: Oakes
- Copyright Year:
- Edition:
- ISBN: 9780932887405

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. 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

N. College Procedures/Policies:

North Central State College believes that every student is a valued and equal member of the community.* Every student brings different experiences to the College, and all are important in enriching academic life and developing greater understanding and appreciation of one another. Therefore, NC State College creates an inclusive culture in which students feel comfortable sharing their experiences. Discrimination and prejudice have no place on the campus, and the College takes any complaint in this regard seriously. Students encountering aspects of the instruction that result in barriers to their sense of being included and respected should contact the instructor, assistant dean, or dean without fear of reprisal.

* *Inclusive of race, color, religion, gender, gender identity or expression, national origin (ancestry), military status (past, present or future), disability, age (40 years or older), status as a parent during pregnancy and immediately after the birth of a child, status as a parent of a young child, status as a foster parent, genetic information, or sexual orientation*

Important information regarding College Procedures and Policies can be found on the syllabus supplement located at

<https://ncstatecollege.edu/documents/President/PoliciesProcedures/PolicyManual/Final%20PDFs/14-081b.pdf>



North Central State College
SYLLABUS ADDENDUM

Academic Division:	Health Sciences	Discipline:	Respiratory Care
Course Coordinator:	Nychole Rose		
Course Number:	RESP 1290-04	Course Title:	Practicum II
Semester / Session:	Spring 2026	Start / End Date:	01/12/2026 thru 05/08/2026

Instructor Information

Name:	Nychole Rose- Seminar Hour Casey Shenefield- Clinical Instructor	Credentials:	BS, RRT/RCP BSRT, RRT/RCP
Phone Number:	419-755-4825 419-688-0763	E-Mail Address:	nrose@ncstatecollege.edu casey.shenefield@yahoo.com
Office Location:	HS-326 (NR)	Office Hours:	Thurs 9-2 (NR)

I. Topical Timeline / Course Calendar (Subject to Change):

Weeks	Topics	Assignment	Due Date
1	Seminar Hour (SH)- Orientation & Course procedures Clinical (C)- none		
2	(SH) Clinical preparation discussions (C) vital signs		
3	(SH) Discussion of previous clinical day activities (C) Chest Assessment		
4	(SH) Discussion of previous clinical day activities (C) Pulse oximetry		
5	(SH) Discussion of previous clinical day activities (C) Peak flow		
6	(SH) Discussion of previous clinical day activities (C) Handwashing		
7	(SH) Discussion of previous clinical day activities (C) Adult isolation procedures		
8	(SH) Discussion of previous clinical day activities (C) Oxygen Therapy: low flow high flow device, transport and manual ventilation	Professionalism Project	March 3
9	(SH) Discussion of previous clinical day activities (C) Humidification		
10	(SH) Discussion of previous clinical day activities (C) Broncho-pulmonary hygiene		
11	(SH) Discussion of previous clinical day activities & Medical Terminology review (C) Aerosol drug administration		
12	(SH) Discussion of previous clinical day activities & Medical Terminology review (C) Non-invasive positive pressure ventilation and device set up and check		
13	(SH) Discussion of previous clinical day activities & Medical Terminology review (C) Arterial blood gas: sampling, analysis, quality assurance	What's New in Healthcare	April 14

Course Number: Resp 1290-04
Semester / Session: Spring 2026

Course Title: Respiratory Practicum II
Start / End Date: 1/12/2026-5/8/2026

Weeks	Topics	Assignment	Due Date
14	(SH) Discussion of previous clinical day activities & Medical Terminology review (C) Suction procedures		
15	(SH) Discussion of previous clinical day activities & Medical Terminology review (C) Emergency medical procedures, CPR, & Final review		
16	(SH) Discussion of previous clinical day activities & Medical Terminology review (C) Final Exam and Student Evaluation		

II. Grading and Testing Guidelines:

Final Grade Calculation

Activity	Qty	Points	Percentage
S.O.A.P assessment	5	120	20%
Student Evaluation	1	200	30%
Final Exam	2	80	30%
Misc. Assignments/Clinical Instructor's Choice	7	260	20%

** SOAPs will be graded according to the rubric supplied with the document and at the clinical instructors' discretion.

*** Student Evaluation will be completed by the clinical instructor in the final week of the clinical experience and will be based upon the evaluation available in Trajecsys Report System.

**** Instructors choice will be at the discretion of the clinical instructor

1. **Vital Signs**
2. **Chest Assessment**
3. **Pulse Oximetry**
4. Peak Flow
5. Handwashing
6. Charting
7. Adult isolation procedures
8. 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
9. Lung Expansion
 - a. Incentive spirometry
 - b. Intermittent positive pressure breathing
10. Humidification
 - a. Face tent
 - b. Face mask
 - c. Trach collar
 - d. T-piece
 - e. Heat/moisture exchanger
 - f. Ultrasonic nebulizer

Course Number: Resp 1290-04
Semester / Session: Spring 2026

Course Title: Respiratory Practicum II
Start / End Date: 1/12/2026-5/8/2026

11. Bronchopulmonary hygiene
 - a. Cough
 - b. Chest physiotherapy
 - c. Mucus clearance adjuncts
12. Hyperinflation therapy
13. Emergency medical procedures and CPR

III. Examination Policy:

1. The reasons for which a student will be excused from taking an examination _____
 - a. Hospitalization (with documented verification)
 - b. Death in the immediate family (with documented verification)
 - c. Personal illness or illness in immediate family - (doctor's excuse required).
2. A student who misses an examination for any reason is responsible for _____
 - a. Abcd
 - b. Abcd
 - 1234
3. No makeup opportunity will be given for absences of unscheduled quizzes.
 - a. Abcd
 - b. Abcd
 - 1234

IV. Class Attendance and Homework Make-Up Policy:

1. Class attendance is necessary to acquire the knowledge required to _____
 - a. Abcd
 - b. Abcd
 - 1234
2. Students are responsible for _____
 - a. Abcd
 - b. Abcd
 - 1234

V. Classroom Expectations:

1. Topic description #1
 - a. Abcd
 - b. Abcd
 - 1234
2. Topic description #2
 - a. Abcd
 - b. Abcd
 - 1234
3. Topic description #3
 - a. Abcd
 - b. Abcd