

Faculty Planning Meeting

September 15 18, 2025, 3:00 PM

Attendance:

- Genny Baballeku, RRT - Program Coordinator
- Jean Newberry, RRT-NPS, ACCS - Program Director Respiratory Care
- Heather O'Connell, RRT, CPFT - Faculty Respiratory Care & BS-CPS

1. Welcome

- Previous meeting minutes approved and seconded

2. Course Scheduling

AS Program

- **Monday:** RET2254C - Heather teaching (lecture morning, lab afternoon). Genny, Johnnita, and Nick assisting with lab.
- **Tuesday:** RET2714 - Monica teaching (pending HR clearance) with Jean's assistance. Blended course meeting approximately every other week.
- **Wednesday:** RET2234C - Genny teaching (lecture morning, lab afternoon). Heather, Jaida, and Katie assisting with lab.
- **Thursday:** RET1024 - Jean teaching with Katie in class.
- **Thursday/Friday:** RET2874L - Clinic led by Genny. New schedule setup with students attending one main clinic site for the entire semester instead of switching halfway through. Students will rotate through rehab, asthma education, and elective sites (ALS clinic, free-standing ER, Sleep Lab, Lee Dept of Health).

3. Proctor U and Proctorio

- School is going to Honor Lock and replace previous during this year.

4. Program Outcomes

RC Graduate Outcomes

- Tim working in Alabama, Barbara in Colorado, Ciara planning move to Georgia
- All graduates passed TMC at the high cut score
- CSE exam: Tim, Destiny, and Christian retook and passed; Lisa still needs to take it; Nadine and Madison failed first attempt and have not retaken yet
- 15 graduates are RRT certified. Nadine, Time, Christian, Destiny had to retake it and passed. Madison and Lisa have failed it and are scheduling to retake.
- Looking at TMC scores by content area for new candidates. All but 3B is above 88% of national average
 - 3 B is initiation and modifications of interventions of airway clearance and lung expansion. Genny is looking at her course and was planning on adjusting lab sessions to improve.

5. CoARC visit

- Awaiting site visit dates.
- Detailed content outline comparison.
 - See attached.
 - All of the topics are covered at least once, with most being covered in multiple courses.
 - This outline will change with the next test.

6. NBRC exam matrix

- New testing matrix will be available
- Changing to one single test in 2027. This new cohort will be on the new matrix.
- Plan on attending summer forum in 2026 to learn more and adjust accordingly.
- Some material is already posted and discussion was that we will continue to cover the same material as is.

7. Effectiveness Plans

AS RESP

- This year: Identifying 3 student learning outcomes (course outcomes) that align with one PLO
- PLO will be #3: "Perform cardiopulmonary therapeutic procedures and modalities appropriate to level of training."
 - Jean will be looking at clinical competencies from 1275C, 2874L and 2875L.

National Board for Respiratory Care
TMC Scores by Content Area

FLORIDA SOUTHWESTERN STATE COLLEGE
- 200317

7/1/2025 through 9/15/2025

		Total Raw Score	1A	1B	1C	1D	1E	1TOT	2A	2B	2C	2TOT	3A	3B	3C	3D	3E	3F	3G	3H	3I	3TOT
High Cut Score:	92	140	10	10	12	10	8	50	15	2	3	20	10	5	15	4	18	6	5	4	3	70
Low Cut Score:	86																					

All Candidate Summary

Total	24	Program Mean Score	105.3	7.8	7.5	7.8	6.2	5.1	34.4	9.1	1.5	2.0	12.6	6.8	2.8	9.8	3.2	12.1	3.6	3.4	2.6	1.9	46.2
Passing	23	National Mean	92.4	6.4	6.7	7.8	6.5	5.4	32.8	9.7	1.4	2.0	13.1	6.8	2.9	9.7	2.7	12.0	3.9	3.4	2.6	2.0	46.0
Failing	1	% of National Mean	114%	122%	112%	100%	95%	94%	105%	94%	107%	100%	96%	100%	97%	101%	119%	101%	92%	100%	100%	95%	100%

New Candidate Summary

Total	19	Program Mean Score	106.9	8.1	7.5	8.0	6.4	5.0	35.0	9.3	1.6	1.9	12.8	7.0	2.7	10.1	3.2	12.6	3.8	3.5	2.6	2.0	47.4
Passing	18	National Mean	98.6	7.0	7.1	8.3	7.0	5.7	35.1	10.4	1.4	2.1	13.9	7.2	3.2	10.5	2.9	12.8	4.2	3.6	2.7	2.1	49.2
Failing	1	% of National Mean	108%	116%	106%	96%	91%	88%	100%	89%	114%	90%	92%	97%	84%	96%	110%	98%	90%	97%	93%	95%	96%

Repeat Candidate Summary

Total	5	Program Mean Score	99.2	6.4	7.6	7.0	5.5	5.2	31.7	8.5	1.0	2.4	11.9	5.8	3.3	8.8	3.4	10.2	3.2	3.3	2.8	1.7	42.5
Passing	5	National Mean	84.4	5.8	6.1	7.1	5.8	5.0	29.8	8.9	1.3	1.9	12.1	6.3	2.6	8.7	2.4	11.0	3.6	3.1	2.4	1.8	41.9
Failing	0	% of National Mean	118%	110%	125%	99%	95%	104%	106%	96%	77%	126%	98%	92%	127%	101%	142%	93%	89%	106%	117%	94%	101%

2020 NBRC Therapist Combined Detailed Content Outline Comparison with Proposed Curriculum (Program # <u>200317</u>)	List Course Number(s)
I. PATIENT DATA	
A. Evaluate Data in the Patient Record	
1. Patient history , for example, • history of present illness (HPI) • orders • medication reconciliation • progress notes • DNR status / advance directives • social, family, and medical history	All RET prefixes 1275C, 1832L, 2874L,2875L,2876L, 2254C, 2714, 2264, 2295
2. Physical examination relative to the cardiopulmonary system	1275C, 1832L, 2874L, 2875L, 2876L, 2254C, 2264, 2264L, 2714, 2295
3. Lines, drains, and airways, for example, • chest tube • artificial airway •vascular lines	2234C, 2254C, 2244, 2264, 2714, 2874L, 2875L, 2876L
4. Laboratory results, for example, • CBC • electrolytes • coagulation studies • sputum culture and sensitivities • cardiac biomarkers	2714, 2254C, 2874L, 2875L, 2876L
5. Blood gas analysis and/or hemoximetry (CO-oximetry) results	1485,2714,2264,2254C, 1832L, 2874L, 2875L, 2876L,
6. Pulmonary function testing results, for example •spirometry •lung volumes •DLCO	1024,2254C, 2874L,2295
7. 6-minute walk test results	2254C, 2874L
8. Imaging study results, for example, • chest radiograph • CT scan • ultrasonography and/or echocardiography • PET scan • ventilation / perfusion scan	2254C, 2714,2264,2295,2874L, 2875L, 2876L
9. Maternal and perinatal / neonatal history, for example, • APGAR scores • gestational age • L / S ratio	2714, 2875L, 2930
10. Sleep study results. for example, •apnea-hypopnea index (AHI)	1485, 2254C, 2874L
11. Trends in monitoring results	
a. fluid balance	2264, 2254C,2874L, 2875L, 2876L
b. vital signs	1275C, 1485, 1024, 2714, 2264, 2254C, 2295,2874L, 2875L, 2876L
c. intracranial pressure	2264,2874L, 2875L, 2876L
d. ventilator liberation parameters	2264, 2264L,2875L, 2876L
e. pulmonary mechanics	2264, 1024, 2264L, 2875L, 2876L
f. noninvasive, for example, • pulse oximetry • capnography • transcutaneous	2714, 1485, 1832L, 2234C, 2254C, 2295,2874L, 2875L, 2876L

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g. cardiac evaluation/monitoring results, for •ECG •hemodynamic parameters	1485, 2714, 2234C, 2254C, 1024, 2254C, 2244, 2295
12. Determination of patient's pathophysiological state	2264, 2714, 2254C, 2295,2874L, 2875L, 2876L
B. Perform Clinical Assessment	
1. Interviewing a patient to assess	
a. level of consciousness and orientation, emotional state, and ability to cooperate	1275C, 1832L, 2264,2874L, 2875L, 2876L
b. level of pain	1275C, 2244, 2264, 1832L,2874L, 2875L, 2876L
c. shortness of breath, sputum production, and exercise tolerance	2714, 2264L,2874L, 2875L, 2876L
d. smoking history	1275C, 2234C, 2254C, 1832L2874L, 2875L, 2876L,
e. environmental exposures	2254C, 1275C, 1832L,2874L, 2875L, 2876L
f. activities of daily living	2254C, 175C, 1832L, 2874L, 2875L, 2876L
g. learning needs, for example, • literacy • social/culture • preferred learning style	1275C, 1832L, 2874L, 2875L, 2876L
2. Performing inspection to assess	
a. general appearance	1275C, 2714, 2264L, 2234C, 2254C, 1832L, 2874L, 2875L, 2876L
b. characteristics of the airway, for example, • patency • Mallampati classification • tracheal shift	2714, 2264, 2264L, 2234C,2874L, 2875L, 2876L
c. cough, sputum amount and character	1275C, 1832L, 2234C, 2254C,2874L, 2875L, 2876L
d. status of a neonate, for example • Apgar score • gestational age	2714, 2875L
e. skin integrity, for example, •pressure ulcers •stoma site	2714, 2234C, 2874L, 2875L, 2876L
3. Palpating to assess	
a. pulse, rhythm, intensity	2714, 2264L, 1275C, 1832L, 2254C, 2874L, 2875L, 2876L
b. accessory muscle activity	2714, 1275C, 1832L, 2234C, 2254C, 2874L, 2875L, 2876L

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c. asymmetrical chest movements, tactile fremitus, crepitus, tenderness, tactile rhonchi, and/or tracheal deviation	2714, 2234C, 2254C, 1275C, 2874L, 2875L, 2876L
4. Performing diagnostic chest percussion	2254C, 2874L, 2875L, 2876L
5. Auscultating to assess	
a. breath sounds	2714, 2264L, 2234C, 2254C, 1832L, 2874L, 2875L, 2876L
b. heart sounds and rhythm	2714, 1275C, 1832L, 2874L, 2875L, 2876L
c. blood pressure	175C, 2254C, 1832L, 2874L, 2875L, 2876L
6. Reviewing a chest radiograph to assess	
a. quality of imaging, for example, • patient positioning • penetration • lung inflation	2264L, 1275C, 2234C, 2254C, 2714, 2874L, 2875L, 2876L
b. presence and position of airways, lines, and drains	34C, 2254C, 2874L, 2875L, 2876L
c. presence of foreign bodies	2714, 2874L, 2875L, 2876L
d. heart size and position	2254C, 2234C, 2874L, 2875L, 2876L
e. presence of, or change in,	
(i) cardiopulmonary abnormalities for example, • pneumothorax • pleural effusion • pulmonary edema • consolidation • pulmonary edema • pulmonary artery size	2234C, 2254C, 2264L, 2874L, 2875L, 2876L
(ii) diaphragm, mediastinum, and/or trachea	2254C, 2874L, 2875L, 2876L, 2714
C. Perform Procedures to Gather Clinical Information	
1. 12-lead ECG	2254C,
2. Noninvasive monitoring, for example, • pulse oximetry • capnography • transcutaneous	2254C, 2714, 1275C, 1832L, 2874L, 2875L, 2876L
3. Peak flow	1275C, 1832L, 2874L, 2875L, 2876L
4. Mechanics of spontaneous ventilation linked to tidal volume, minute volume, and maximal inspiratory pressure, and vital capacity	2264L, 2234C, 2254C, 2874L, 2875L, 2876L
5. Blood gas sample collection	2254C, 2264L, 2874L, 2875L, 2876L

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6. Blood gas analysis and/or hemoximetry (CO-oximetry)	2874L, 2875L, 2876L
7. Oxygen titration with exercise	2874L, 2875L, 2876L
8. Cardiopulmonary calculations, for example, • $P(A-a)O_2$ • V_D / V_T • P / F • OI	2264L, 2264, 2254C, 2874L, 2875L, 2876L
9. Hemodynamic monitoring	2264L, 2874L, 2875L, 2876L
10. Pulmonary compliance and airways resistance	2264L, 2875L, 2876L
11. Plateau pressure	2264L, 2875L, 2876L
12. Auto-PEEP determination	2264L, 2875L, 2876L
13. Spontaneous breathing trial (SBT)	2264L, 2875L, 2876L
14. Apnea monitoring	2264L, 2875L, 2876L
15. Apnea test (brain death determination)	2875L, 2876L
16. Overnight pulse oximetry	2874L, 2875L, 2876L
17. CPAP / NPPV titration during sleep	2874L
18. Cuff management, for example, • tracheal • laryngeal	2234C, 2264L, 2875L, 2876L
19. Sputum induction	2874L, 2875L, 2876L
20. Cardiopulmonary stress testing	2874L
21. 6-minute walk test	2874L, 2875L, 2876L
22. Spirometry outside or inside a pulmonary function laboratory	2254C, 2874L, 2875L, 2876L
23. DLCO inside a pulmonary function laboratory	2254C, 2874L, 2875L
24. Lung volumes inside a pulmonary function laboratory	2254C, 2874L, 2875L, 2876L
25. Tests of respiratory muscle strength- MIP and MEP	2254C, 2875L, 2876L
26. Therapeutic bronchoscopy	2254C, 2874L, 2875L, 2876L

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D. Evaluate Procedure Results	
1. 12-lead ECG	2254C, 2874L, 2875L, 2876L
2. Noninvasive monitoring, for example, • pulse oximetry • capnography • transcutaneous	2714, 2264, 2264L, 1275C, 1832L, 2234C, 2254C, 2295, 2874L, 2875L, 2876L
3. Peak flow	1275C, 2264, 2254C, 1832L, 2234C, 2874L, 2875L, 2876L
4. Mechanics of spontaneous ventilation linked to tidal volume, minute volume, maximal inspiratory pressure, and vital capacity	2264, 2264, 2234C, 2254C, 2264L, 2874L, 2875L, 2876L
5. Blood gas analysis and/or hemoximetry (CO-oximetry)	1485, 2264, 2264L, 2714, 2234C, 2254C, 2295, 1832L, 2874L, 2875L, 2876L
6. Oxygen titration with exercise	2254C, 2295, 2874L, 2875L, 2876L
7. Cardiopulmonary calculations, for example, • $P(A-a)O_2$ • V_D / V_T • P / F • OI	1485, 2264, 2714, 2254C, 2874L, 2875L, 2876L
8. Hemodynamic monitoring	1485, 2714, 2264, 2244, 2875L, 2876L
9. Pulmonary compliance and airways resistance	2264, 2264L, 2295, 2875L, 2876L
10. Plateau pressure	2264, 2264L, 2295, 2875L, 2876L
11. Auto-PEEP	2264, 2295, 2264L, 2875L, 2876L
12. Spontaneous breathing trial (SBT)	2264, 2264L, 2295, 2875L, 2876L
13. Apnea monitoring	2714, 2264, 2264L, 2875L, 2876L
14. Apnea test (brain death determination)	2264, 2875L, 2876L
15. Overnight pulse oximetry	2295, 1275C, 2254C, 2295
16. CPAP / NPPV titration during sleep	2254C, 2295
17. Cuff status, for example, • laryngeal • tracheal	2234C, 2264, 2264L, 2875L, 2876L
18. Cardiopulmonary stress testing	2254C, 2874L
19. 6-minute walk stress testing	2254C, 2295, 2874L
20. Spirometry outside or inside a pulmonary function laboratory	1024, 2254C, 2295, 2874L

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22. DLCO inside a pulmonary function laboratory	2254C, 2874L
23. Tests of respiratory muscle strength-MIP and MEP	2264, 2264L, 2254C, 2875L, 2876L
E. Recommend Diagnostic Procedures	
1. Testing for tuberculosis	2254C, 2295
2. Laboratory tests, for example, • electrolytes • CBC • coagulation studies • sputum culture and sensitives • cardiac biomarkers	2264, 2714, 2254C, 2295, 2874L, 2875L, 2876L
3. Imaging studies	2714, 2254C, 2264, 2264L, 2874L, 2875L, 2876L
4. Bronchoscopy	2254C, 2264, 2264L, 2874L, 2875L, 2876L
a. diagnostic	2254C, 2264, 2264L, 2874L, 2875L, 2876L
b. therapeutic	2254C, 2264, 2264L, 2874L, 2875L, 2876L
5. Bronchoalveolar lavage (BAL)	2254C, 2264, 2264L, 2874L, 2875L, 2876
6. Pulmonary function testing	2254C, 2295
7. Noninvasive monitoring, for example, • pulse oximetry • capnography • transcutaneous	2714, 1275C, 2234C, 2254C, 1832L, 2264, 2264L, 2874L, 2875L, 2876
8. Blood gas and/or hemoximetry (CO-oximetry)	2714, 2254C, 2295, 2234C, 2264, 2264L, 2874L, 2875L, 2876
9. ECG	2295, 2254C, 2244, 2264, 2264L
10. Exhaled gas analysis, for example, • CO ₂ • CO • FENO	2254C, 2244, 2295
11. Hemodynamic monitoring	2264, 2295, 2254C, 2244, 2264L, 2874L, 2875L, 2876
12. Sleep studies	1485, 2254C, 2295
13. Thoracentesis	2264, 2254C, 2874L, 2875L, 2876L
II. TROUBLESHOOTING AND QUALITY CONTROL OF DEVICES, AND INFECTION CONTROL	
A. Assemble and Troubleshoot Equipment	
1. Medical gas delivery interfaces, for example, • mask • cannula • heated high-flow nasal cannula	

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2. Long-term oxygen therapy	1275C, 2714, 2234C, 1832L, 2874L, 2875L, 2876L
3. Medical gas delivery, metering, and/or clinical analyzing devices, for example, •concentrator •liquid system •flowmeter •regulator •gas cylinder •blender •air compressor •gas analyzers	1275C, 2234C, 2714,1832L, 2874L, 2875L, 2876L
4. CPAP/NPPV with patient interfaces	2714, 2234C, 2264, 2264L,1832L, 2874L, 2875L, 2876L
5. Humidifiers	2714, 2234C, 2264, 2264L, 1832L, 2874L, 2875L, 2876L
6. Nebulizers	2714, 1275C, 2234C,1832L, 2874L, 2875L, 2876L
7. Metered-dose inhalers, spacers, and valved holding chambers	1275C, 2234C,1832L, 2874L, 2875L, 2876L, 2264L
8. Dry powder inhalers (DPI)	1275C, 1832L, 2874L, 2875L, 2876L
9. Resuscitation equipment, for example, •self-inflating resuscitator •flow-inflating resuscitator •AED	2714, 1275C, 2295, 2254C, 2244, 1832L, 2874L, 2875L, 2876L
10. Mechanical ventilators	2264, 2264L, 2295, 2875L, 2876L
11. Intubation equipment	2714, 2234C, 2264, 2264L, 2875L, 2876L
10. Artificial airways	2714, 2234C, 2874L, 2875L, 2876L
12. Suctioning equipment, for example, • regulator • canister • tubing • catheter	1275C, 2714, 1832L, 2874L, 2875L, 2876L
14. Blood analyzer. for example, • hemoximetry (CO-oximetry) • point-of-care • blood gas	2254C, 2874L, 2875L, 2876L
15. Patient breathing circuits	2264, 2264L, 2234C, 2874L, 2875L, 2876L
16. Hyperinflation devices	2234C, 2874L, 2875L, 2876L
17. Secretion clearance devices	2234C, 2874L, 2875L, 2876L
18. Heliox delivery device	2234C, 2874L, 2875L, 2876L
19. Portable spirometer	2254C, 2874L, 2875L, 2876L
20. Testing equipment in a pulmonary function laboratory	2254C, 2874L
21. Pleural drainage	2254C, 2244,

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22.. Noninvasive monitoring, for example, • pulse oximeter • capnometer • transcutaneous	2714, 1275C, 2254C, 2264, 1832L, 2874L, 2875L, 2876L
23. Bronchoscopes and light sources	2254C, 2874L, 2875L, 2876L
24. Hemodynamic monitoring devices	
a. pressure transducers	2244, 2254C, 2875L, 2876L
b. catheters, for example, • arterial • pulmonary artery	2244, 2254C, 2875L, 2876L
B. Ensure Infection Prevention	
1. Adhering to infection prevention policies and procedures, for example, • Standard Precautions • isolation • donning/doffing	1275C, 1832L, 2874L, 2875L, 2876L, 2714
2. Adhering to disinfection policies and procedures	2254C, 1832L, 2874L, 2875L, 2876L
3. Proper handling of biohazardous materials	1275C, 2254C, 2244, 2254C, 1832L, 2874L, 2875L, 2876L
C. Perform Quality Control Procedures	
1. Blood analyzers	2254C, 2874L, 2875L, 2876L
2. Gas analyzers	2254C, 2874L, 2875L, 2876L
3. Pulmonary function equipment for testing	2254C, 2874L
a. spirometry results	2254C, 2874L
b. lung volumes	2254C, 2874L
c. diffusing capacity (DLCO)	2254C, 2874L
4. Mechanical ventilators	2264L, 2875L, 2876L
5. Noninvasive monitors	2714, 2874L, 2875L, 2876L
III. INITIATION AND MODIFICATION OF INTERVENTIONS	
A. Maintain a Patient Airway Including the Care of Artificial Airways	
1. Proper positioning of a patient	1275C, 1832L, 2234C, 2264, 2264L, 2254C, 2874L

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2. Recognition of a difficult airway	2714, 2234C, 2264, 2264L, 2254C, 2874L
3. Establishing and managing a patient's airway	
a. nasopharyngeal airway	2234C, 2874L, 2875L, 2876L
b. oropharyngeal airway	2234C, 2874L, 2875L, 2876L
c. esophagealtracheal tubes / supraglottic airways	2234C, 2874L, 2875L, 2876L
d. endotracheal tube	2234C, 2874L, 2875L, 2876L, 2264, 2264, 2714
e. tracheostomy tube	2234C, 2874L, 2875L, 2876L, 2264
f. laryngectomy tube	2234C, 2874L, 2875L, 2876L
g. speaking valves	2234C, 2874L, 2875L, 2876L
h. devices that assist with intubation, for example, • endotracheal tube exchanger • video laryngoscopy	2234C, 2874L, 2875L, 2876L
4. Performing tracheostomy care	2234C, 2874L, 2875L, 2876L
5. Exchanging artificial airways	2234C, 2874L, 2875L, 2876L
6. Maintaining adequate humidification	2234C, 2874L, 2875L, 2876L, 2264, 1832L, 1275C
7. Initiating protocols to prevent ventilator-associated infections	2234C, 2874L, 2875L, 2876L, 2264
8. Performing extubation	2234C, 2874L, 2875L, 2876L, 2264
B. Perform Airway Clearance and Lung Expansion Techniques	
1. Postural drainage, percussion, or vibration	2234C, 2874L, 2875L, 2876L
2. Suctioning, for example, • nasotracheal • oropharyngeal	2234C, 2874L, 2875L, 2876L, 1832L, 1275C
3. Mechanical devices, for example, • high-frequency chest wall oscillation • vibratory PEP • intrapulmonary percussive ventilation • insufflation / exsufflation	2234C, 2874L, 2875L, 2876L
4. Assisted cough, for example, • huff • abdominal thrust	2234C, 2874L, 2875L, 2876L

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5. Hyperinflation therapy	2234C, 2874L, 2875L, 2876L
6. Inspiratory muscle training	2234C, 2874L, 2875L, 2876L
C. Support Oxygenation and Ventilation	
1. Initiating and adjusting oxygen therapy	2234C, 2874L, 2875L, 2876L, 2264, 1832L, 1275C
2. Minimizing hypoxemia, for example, • patient positioning • secretion removal	2234C, 2874L, 2875L, 2876L, 2264, 1832L, 1275C
3. Initiating and adjusting mask or nasal CPAP	2234C, 2874L, 2875L, 2876L, 2264, 2264L
4. Initiating and adjusting mechanical ventilation settings	
a. continuous mechanical ventilation	2234C, 2874L, 2875L, 2876L, 2264, 2264L, 2295
b. noninvasive ventilation	2234C, 2874L, 2875L, 2876L, 2264, 2264L, 2295
c. high-frequency ventilation	2876L, 2264, 2264L
d. alarms	2875L, 2876L, 2264, 2264L, 2295
5. Recognizing and correcting patient-ventilator dyssynchrony	2875L, 2876L, 2264, 2264L, 2295
6. Utilizing ventilator graphics	2875L, 2876L, 2264, 2264L, 2295
7. Performing lung recruitment maneuvers	2875L, 2876L, 2264, 2264L, 2295
8. Liberating patient from mechanical ventilation	2875L, 2876L, 2264, 2264L, 2295
D. Administer Medications and Specialty Gases	
1. Aerosolized preparations	1007, 1275C, 1832L, 2234C, 2874L, 2875, 2876L
a. antimicrobials	1007, 1832L, 2234C, 2874L, 2875, 2876L
b. pulmonary vasodilators	1007, 2244, 2264, 2874L, 2875, 2876L
c. bronchodilators	1007, 1275C, 1832L, 2234C, 2874L, 2875, 2876L
d. mucolytics/proteolytics	1007, 1275C, 1832L, 2234C, 2874L, 2875, 2876L

NBRC Therapist Combined Detailed Content Outline Comparison with Proposed Curriculum (Program # <u>200317</u>)	List Course Number(s)
e. steroids	1007,1275C, 1832L, 2234C, 2874L, 2875, 2876L
2.. Endotracheal instillation	2264, 2874L, 2875, 2876L
3. Specialty gases, for example, • heliox • inhaled NO	2244, 2234C, 2874L, 2875, 2876L
E. Ensure Modifications are Made to the Respiratory Care Plan	
h. Treatment termination, for example, • life-threatening adverse event	1007, 2234C, 275C, 2714, 2264, 1832L, 2295, 2874L, 2875, 2876L
2. Recommendations	
a. starting treatment based on patient response	2264, 2714, 1275C, 2234C,1832L, 2295, 2874L, 2875, 2876L
b. treatment of pneumothorax	2714, 2254C, 2234C, 2264, 2264L, 2244,1832L, 2295, 2874L, 2875L, 2876L
c. adjustment of fluid balance	2295, 2874L, 2875L, 2876L, 2244, 2254C
d. adjustment of electrolyte therapy	2295, 2874L, 2875L, 2876L, 2244, 2254C
e. insertion or change of artificial airway	2714, 2234C, 2264, 2264L, 2875L, 2876L
f. liberating from mechanical ventilation	2264, 2264L, 2875L, 2876L
g. extubation	2264, 2264L, 2875L, 2876L
h. discontinuing treatment based on patient response	2714, 2254C, 2234C, 2264, 2264L, 2244,1832L, 2295, 2874L, 2875L, 2876L
i. consultation from a physician specialist	2714, 2254C, 2234C, 2264, 2264L, 2244,1832L, 2295, 2874L, 2875L, 2876L
3. Recommendations for changes	
a. patient position	1275C, 1832L, 2234C, 2264, 2264L, 2254C, 2874L, 2876L, 2875L
b. oxygen therapy	2714, 2254C, 2234C, 2264, 2264L, 2244,1832L, 2295, 2874L, 2875L, 2876L
c. humidification	2714, 2234C, 2264, 2264L, 2244,1832L, 2295, 2874L, 2875L, 2876L
d. airway clearance	2714, 2254C, 2234C, 2264, 2264L, 2295, 2874L, 2875L, 2876L

e. hyperinflation	2254C, 2234C, 2295, 2874L, 2875L, 2876L
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f. mechanical ventilation	2234C, 2264, 2264L, 2295, 2874L, 2875L, 2876L
4. Recommendations for pharmacologic interventions	
a. bronchodilators	2714, 2234C, 1007, 1275C, 1832L, 2874L, 2875L, 2876L
b. anti-inflammatory drugs	2714, 2234C, 1007, 1275C, 1832L, 2874L, 2875L, 2876L
c. mucolytics and proteolytics	2234C, 1007, 1275C, 1832L, 2874L, 2875L, 2876L
d. Aerosolized antibiotics	2234C, 1007, 1275C, 1832L, 2874L, 2875L, 2876L
e. Inhaled pulmonary vasodilators	2234C, 1007, 2264, 2244, 2874L, 2875L, 2876L
f. cardiovascular	2254C, 1007, 2264, 2244, 2874L, 2875L, 2876L
g. antimicrobials	2234C, 1007, 2874L, 2875L, 2876L
h. sedatives and hypnotics	2244, 2234C, 2254C, 2874L, 2875L, 2876L
i. analgesics	2244, 2234C, 2254C, 2874L, 2875L, 2876L
i. narcotic antagonists	2244, 2234C, 2254C, 2874L, 2875L, 2876L
j. benzodiazepine antagonists	2244, 2234C, 2254C, 2874L, 2875L, 2876L
l. neuromuscular blocking agents	2244, 2254C, 2874L, 2875L, 2876L
m. diuretics	2244, 2254C, 2874L, 2875L, 2876L
n. surfactants	1007, 2714, 2874L, 2875L, 2876L
o. changes to drug, dosage, administration, frequency, mode, or concentration	2234C, 1007, 2874L, 2875L, 2876L
F. Utilize Evidence-Based Practice	
1. Classification of disease severity	1275C, 1485, 2254C, 2234C, 2295, 2874L, 2875L, 2876L
2. Recommendations for changes in a therapeutic plan when indicated	1275C, 2244, 2254C, 2234C, 2295, 2874L, 2875L, 2876L
3. Application of guidelines, for example, • ARDSNet • NAEPP • GOLD	2295, 2264, 2254C, 2234C, 2295, 2874L, 2875L, 2876L
G. Provide Respiratory Care in High-Risk Situations	

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1. Emergency	
a. cardiopulmonary emergencies, excluding CPR	2234C, 2264, 2714,1832L, 2295, 2874L, 2875L, 2876L
b. disaster management	2234C, 2874L, 2875L, 2876L
c. medical emergency team (MET) / rapid response team	2234C, 2874L, 2875L, 2876L
2. Interprofessional communication	2234C, 2874L, 2875L, 2876L, 2264L
3. Patient transport	
a. land / air between hospitals	2264, 2234C, 2874L, 2875L, 2876L
b. within a hospital	2264, 2234C, 2874L, 2875L, 2876L
H. Assist a Physician / Provider in Performing Procedures	
1. Intubation	2234C, 2714,2264, 2874L, 2875L, 2876L
2. Bronchoscopy	2254C, 2874L, 2875L, 2876L
3. Specialized bronchoscopy, for example, •endobronchial ultrasound (EBUS) •navigational bronchoscopy (ENB)	2874L, 2875L, 2876L
4. Thoracentesis	2874L, 2875L, 2876L
5. Tracheostomy	2874L, 2875L, 2876L
6. Chest tube insertion	2874L, 2875L, 2876L
7. Insertion of arterial or venous catheters	2264L,2874L, 2875L, 2876L
8. Moderate (conscious) sedation	2874L, 2875L, 2876L
9. Cardioversion	2874L, 2875L, 2876L, 2234C
10. Withdrawal of life support	2874L, 2875L, 2876L
I. Conduct Patient and Family Education	
1. Safety and infection control	1275C, 2234C, 1007, 2874L, 2875L, 2876L, 1832L

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2. Home care and related equipment	1275C, 2234C, 1007, 2874L, 2875L, 2876L, 1832L
3. Lifestyle changes, for example, •smoking cessation •exercise	2234C, 1007, 2874L, 2875L, 2876L, 1832L
4. Pulmonary rehabilitation	2874L, 2875L, 2876L, 1832L
5. Disease/ condition management, for example, •asthma •COPD •CF •tracheostomy care •ventilator dependent	2234C, 2874L, 2875L, 2876L, 1832L