

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: RTH 190

Credits: 2

Course Title: Coordinated Practice in Respiratory Therapy: NCC II

Course Description:

Provides supervised on-the-job training to enable students to work directly with patients to practice

16. Practice, refine, and be evaluated on physiologic monitoring. This is to include blood pressures, pulses, respiratory rates and temperature monitoring.
17. Practice, refine, and be evaluated on Pulse Oximetry.
18. Practice, refine, and be evaluated on Positive Expiratory Pressure Therapy.
19. Practice, refine, and be evaluated on clinical assessment skills to include: history, inspection, percussion, palpation and auscultation.
20. Practice, refine, and be evaluated on basic x-ray interpretation.
21. Be able to perform the above procedures in a competent and timely manner.
22. Develop the necessary skills to be able to select, review, obtain, and interpret the data applicable to competently perform the above procedures.
23. Develop the necessary skills to select, assemble, and check applicable equipment for proper function, operation, and cleanliness.
24. Develop the necessary skills to initiate, conduct, and modify applicable prescribed therapeutic procedures. Develop the necessary critical thinking skills to perform the clinical skills competently and efficiently.

Major Topics to be Included:

1. Standard Precautions/Transmission-based Isolation Techniques
2. Sterilization/Disinfection
3. Medical Records
4. Patient Interview and History
5. Vital Signs: Pulse and Respiration
6. Blood Pressure Measurement
7. Physical Assessment of the Chest
8. Auscultation
9. Directed Cough Techniques
10. Bedside Pulmonary Mechanics
11. Gas Pressure and Flow Regulation
12. Oxygen Analysis
13. Oxygen Therapy