Course Syllabus
RC CLINICAL 1
RC 221

This course is designed to familiarize the student with respiratory care procedures in the hospital setting. Patient care experience will include oxygen therapy, medical gas cylinder use, humidity and aerosol therapy, IPPB, incentive breathing, chest physiotherapy, bronchial hygiene, isolation techniques, cleaning and sterilization, arterial puncture, cardiopulmonary resuscitation, and physical assessment.

Entry Level Standards:
Advancement to Semester IV in the Respiratory Care Program.

Prerequisites:
RC 113, RC 143

Co Requisites:
RC 243, RC 210

Textbooks:
Persing, Gary  
Respiratory Care Exam Review, 2nd ed.
Faculty prepared  
Clinical Skills Procedure Manual

Class Web Site:  
RC 221 ELearn

Library Usage:  
All students are required to have internet access to check Elearn for course updates and materials. Internet access is available in the RC Lab and the HSC Resource room.

Presentation:
1) Demonstration and student use of equipment in laboratory prior to hospital rotations.
2) Performance of clinical skills on assigned patients in hospital or outpatient setting while supervised by faculty or hospital staff.
3) Occasional guest lectures and demonstrations by physicians and hospital staff respiratory therapists.

Specific Evaluation Process:
Missed Class Tests -

Testing sources:
RC 221 Clinical Practicum I Syllabus
Written test material will come from text reading, handouts and laboratory activities. Written test objectives (all of which pertain to clinical skills) will be given to the student at the beginning of the semester. The student will also be evaluated for technical competency in certain clinical skills at mid-term and end of the semester. A list of these clinical skills is provided at the beginning of the semester.

**Academic dishonesty**

See program policy handbook

**Misc**

The use of calculators during testing will be at the instructor’s discretion.

Under no conditions will preprogramed calculators be allowed. The TI calculators are acceptable if not preprogramed before test. The instructor may provide basic calculators for test taking.

The use of tape recorders and other recording devises will be at the instructor’s discretion.

No beepers or cellular phone calls during clinical.

**Grade Calculation**

Grading is satisfactory/ no credit (“S” or “NC”). A grade of “satisfactory” requires completion of all clinical objectives, a passing score on the written evaluations, average of 20 on weekly hospital evaluations, demonstration of competency all required clinical skills, and make up of all clinical days missed and less than four absences.

**Course Testing, Grading And Retesting**

1. Comprehensive written examinations will be given during mid semester testing. Students must score at least 90%. Students who do not receive a grade of 90% or higher will have additional opportunities to retest during the final week of the semester.

2. Each week, either a faculty member or a pre-designated staff respiratory therapist will assign the student a list of patient care duties which will be completed during the clinical rotation. At the end of the week, the student must obtain a signed, written evaluation of his or her clinical competency by appropriate clinical faculty. An evaluation form is provided for this purpose.

3. More than three absences will result in a semester grade of “NC” or no credit. If the student has three absences or less, these must be “made up” before the end of finals week. The director of clinical education will schedule the make up days at a clinical facility.

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4. Student must demonstrate proficiency in a laboratory testing situation, in setting up respiratory therapy equipment, changing parameters, and patient instruction in oxygen and aerosol therapy, IPPB, incentive breathing, CPR, arterial puncture, CPT, and drug calculations.

Clinical Attendance:
More than three absences will result in a semester grade of “NC” or no credit. If the student has three absences or less, these must be “made up” before the end of finals week. The director of clinical education will schedule the make-up days at a clinical facility.

Instructors
John Cousino, Sharon Hall, Mickey Rountree

Office Hours:
Office hours are posted on each faculty member’s office door. All faculty members carry beepers and are available at all times during students’ hospital rotations.

Disabilities Statement
Students who have educational, psychological, and/or physical disabilities may be eligible for accommodations that provide equal access to educational programs and activities at Chattanooga State. These students should notify the instructor immediately, and should contact Disabilities Support Services within the first two weeks of the semester in order to discuss individual needs. The student must provide documentation of the disability so that reasonable accommodations can be requested in a timely manner. All students are expected to fulfill essential course requirements in order to receive a passing grade in a class, with or without reasonable accommodations.

Disruptive Students:
The term "classroom disruption" means - student behavior that a reasonable person would view as substantially or repeatedly interfering with the activities of a class. A student who persists in disrupting a class will be directed by the faculty member to leave the classroom for the remainder of the class period. The student will be told the reason(s) for such action and given an opportunity to discuss the matter with the faculty member as soon as practical. The faculty member will promptly consult with the division dean and the college judicial officer. If a disruption is serious, and other reasonable measures have failed, the class may be adjourned, and the campus police summoned. Unauthorized use of any electronic device constitutes a disturbance. Also, if a student is concerned about the conduct of another student, he or she should please see the teacher, department head, or division dean.

Affirmative Action:
Students who feel that he or she has not received equal access to educational programming should contact the college affirmative action officer.

Changes:
This syllabus can be changed at the discretion of the instructor with written or oral notice.

RC 221 Clinical Practicum I Syllabus
Respiratory Care Program Student Learning Outcomes (PSLO)

PSLO #1: Show the ability to interpret, comprehend, apply and evaluate patient data and clinical information relative to their role as an Advanced-Level Respiratory Therapist.
   CSLO #1-8

PSLO #2: Demonstrate the proficiency in all the mechanical and physical skills necessary to fulfill their role as an Advanced-Level Respiratory Therapist.
   CSLO #1-7

PSLO #3: Demonstrate behaviors and attitudes consistent with professional and employer expectations for an Advanced-Level Respiratory Therapist.
   CSLO #9

PSLO #4: Provide the community with qualified individuals who can meet current and future needs of the workplace as respiratory therapists.
   CSLO #1-9

Course Student Learning Outcomes (CSLO)

CSLO #1 Demonstrate effective cardiopulmonary resuscitation on adults, children and infants according to American Heart Association standards.
CSLO #2 Assemble oxygen and humidity therapy equipment, apply appropriately to patients and document appropriately.
CSLO #3 Properly assemble and instruct patients in incentive spirometry therapy.
CSLO #4 Perform effective chest physiotherapy in all positions on appropriate patients and document appropriately.
CSLO #5 Perform aerosol therapy and document appropriately.
CSLO #6 Perform hyperinflation therapy, such as EZPAP, and I.P.P.B. therapy and document appropriately.
CSLO #7 Perform arterial blood gas punctures according to accepted practice.
CSLO #8 Assess patients through interview, laboratory results and physical exam.
CSLO #9 Demonstrate professionalism through attendance, punctuality and continuing education and community service.

Instructional Indicators:
For CSLO #1
   1. Demonstrate effective cardiopulmonary resuscitation on adult, child and infant manikins in a laboratory setting, including obstructive airway management.
   2. Be certified in CPR by the American Heart Association at BCLS Level Healthcare Provider.

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For CSLO #2
Assemble and document the following oxygen and humidity devices:
   a) nasal cannula.
   b) face tent
   c) venturi mask
   d) simple oxygen mask.
   e) partial/nonrebreather mask.
   f) "T"-tube setup.
   g) tracheostomy mask
   h) nebulizer setup.
   i) bubble humidifier.

For CSLO #3
1. Identify candidates for incentive spirometry.
2. Assemble correctly incentive spirometry equipment.
3. Instruct patient in technique, hazards and goals for incentive spirometry.

For CSLO #4
1. Identify clinical conditions that might benefit from chest physiotherapy (CPT).
2. Recognize any contraindications or hazards for CPT.
3. Assess patient to determine specific techniques to be performed.
4. Perform and document physiotherapy techniques.

For CSLO #5
1. Identify clinical conditions that might benefit from aerosol therapy.
2. Recognize any contraindications or hazards for aerosol therapy.
3. Assess patient to determine specific techniques to be performed.
4. Select ordered drug and calculate drug dosage if necessary.

For CSLO # 6
1. Identify clinical conditions that might benefit from hyperinflation therapy.
2. Recognize any contraindications or hazards for hyperinflation therapy.
3. Assess patient to determine which specific techniques should be performed.

For CSLO #7
1. Review chart for proper physician and any contraindications for arterial blood gas puncture.
2. Identify patient and perform Allen’s test.
3. Obtain arterial blood gas sample, using correct technique.
4. Interpret ABG results.
For CSLO #8
1. Assess patient’s breath sounds, using correct auscultation technique.
2. Evaluate laboratory test results in patient’s chart, including fluids and electrolytes, hematology, microbiology, radiology and arterial blood gases.
3. Evaluate the patient's chart for previous history and physical, physician’s progress notes, and diagnosis.

For CSLO #9
1. Student has no more than three unexcused absences from clinical rotations.
2. All absences are made up by finals week.
3. Student obtains ten professional points. (see list in Clinical Policy).

Required Assessments
Assessment Descriptions:
Assessment #1: Practical laboratory skills testing
Assessment #2: Clinical attendance and punctuality. (see Clinical Policies)
Assessment #3: Written testing on ABG interpretation, drug calculations, oxygen and humidity therapy and patient assessment.
Assessment #4: Documentation of professional points (see list in Clinical Policies)
Assessment #5: Satisfactory completion of daily clinical records (evaluations signed by clinical preceptors)

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Student Acceptance Of Policies

I have read all of the policies contained in the syllabus for Respiratory Care (RC 210) and understand them and agree to abide by them.

______________________________
Student Signature

___________________________
Date

(tear this page out and return this page to the instructor)