CARDIOPULMONARY SCIENCE
ACADEMIC LEARNING COMPACT

Upon Completion of the Cardiopulmonary Science program, students and program graduates will demonstrate:

1. Verbal, Non-verbal and Written Communication Skills: Students and graduates will demonstrate proficiency in verbal and nonverbal communication skills.

   Direct Measures
   1.1a Eighty-percent of students enrolled in RET 3483 and RET 3483L (Fall 2008) will receive a score of seventy percent or higher for verbal and nonverbal communication skills; Eighty-five percent of students enrolled in RET 4714 and RET 4714 L (Fall 2008) will receive a score of seventy percent or higher for verbal, nonverbal and written communication skills.

   Indirect Measures
   1.1b Eighty-five percent of students enrolled in RET 4876 (Fall 2008) will demonstrate proficiency in verbal, nonverbal and written communication receiving skill level rating of at least 2 on a 3 point Likert scale.

2. Critical Thinking Skills: Students and graduates will demonstrate the ability to use critical thinking and problem solving skills.

   Direct Measures
   2.1a Eighty percent of students will receive a mean score of 70% or better on coursework and assigned learning activities relating to critical thinking. Critical thinking skills of students will be assessed using various course evaluation instruments for RET 4618, RET 4714, and RET 4876, (2008 fall semester).

   2.2a Seventy-five percent of students taking the National Board for Respiratory Care (NBRC) Certification for Respiratory Therapist Comprehensive Assessment Examinations will achieve passing scores in areas of critical thinking.

   2.3a Seventy-five percent of the graduates taking the National Board for Respiratory Care (NBRC) Certification for Respiratory Therapist Examination will achieve passing scores in areas of critical thinking.

   Indirect Measures
   2.1b Eighty percent of students in RET 4876, RET 4714, and RET 4618 (2008 fall semester) will receive at least a 2-3 rating on a 3 point Likert scale in the area of critical thinking.

   2.2b Eighty percent of graduates will receive at least a 3.5 rating on a 5 point Likert scale, from on employer surveys.

3. Specific Content Knowledge: Students and graduates will demonstrate an understanding of knowledge, concepts and skills necessary to pass the NBRC Exam and obtain entry-level respiratory therapist positions in the health care industry.
Direct Measures
3.1a Eighty percent of students will receive a mean score of 70% or better on coursework and assigned learning activities relating to critical thinking. Critical thinking skills of students will be assessed using various course evaluation instruments for RET 4618, RET 4714, and RET 4876, (2008 fall semester).

3.2a Seventy-five percent of students taking the National Board for Respiratory Care (NBRC) Certification for Respiratory Therapist Comprehensive Assessment Examinations will achieve passing scores in areas of critical thinking.

3.3a Seventy-five percent of the graduates taking the National Board for Respiratory Care (NBRC) Certification for Respiratory Therapist Examination will achieve passing scores in areas of critical thinking.

Indirect Measures
3.1b Eighty percent of students in RET 4876, RET 4714, and RET 4618 (2008 fall semester) will receive at least a 2-3 rating on a 3 point Likert scale in the area of critical thinking.

3.2b Eighty percent of graduates will receive at least a 3.5 rating, on a 5 point Likert scale, from on employer surveys.
4. **Specific Content Knowledge**: Students and graduates will demonstrate an understanding of knowledge, concepts and skills necessary to pass the NBRC Exam and obtain entry-level respiratory therapist positions in the health care industry.

**Direct Measures:**

4.1a Seventy-five (75%) percent of students will receive a score of Seventy (70%)-percent or higher in RET 3483, RET4714, RET 4618, and RET4876 (2008 Fall semesters).

4.2a Seventy-five (75%) percent of students taking the National Board for Respiratory Care (NBRC) Certification for Respiratory Therapist Comprehensive Assessment Examination will demonstrate knowledge of the specified content.

4.3a Seventy-five (75%) percent of graduates taking the National Board for Respiratory Care (NBRC) Certification for Respiratory Therapist Examination will demonstrate knowledge of the specified content.

**Indirect Measures:**

4.1b Students will be evaluated using a survey of clinical preceptors. Survey results will indicate in the area of specific content knowledge at least 2 or higher on a 3-point Likert scale.

4.2b Graduates will be evaluated using a survey of graduate’s immediate supervisor. Survey results will indicate in the area of specific content knowledge at least 3.5 on a 5-point Likert scale.

5. **Professional Behavior and Ethics**: Students and graduates will demonstrate knowledge of professional standards, values, attitudes, and behavior consistent with the American Association for Respiratory Care Guidelines for Professionalism.

**Direct Measures:**

5.1a Ninety percent (90%) of graduating students will demonstrate an understanding of professional behavior and ethics, at the level of “always meets expectations” or “always exceeds expectations” as measured by formative and evaluative surveys.

**Indirect Measures:**

5.1b Ninety-five percent (95%) of clinical preceptors and employers surveyed will rate 95% of students and graduates as having demonstrated adequate knowledge about professional standards, values, attitudes and behavior consistent with that of the profession, AARC Code of Ethics, and the state of Florida Respiratory Care Act.