



**College of Health and Public Affairs
Academic Learning Compacts**

Cardiopulmonary Sciences, B.S.

UCF Cardiopulmonary Sciences graduates will demonstrate the ability to:

Discipline Specific Knowledge, Skills, Behavior and Values Outcomes

1. Explain the role of the advanced practice respiratory care professional in the care of the cardiopulmonary patient across the age continuum from neonate to geriatric patient.
2. Employ proper technique in the application, evaluation, and modification of patient care plans as those techniques apply to the standards of practice expected of a graduate Respiratory Care Practitioner (Respiratory Therapist).
3. Implement patient care according to standards expected of Respiratory Care Practitioners (Respiratory Therapist) set by the American Association of Respiratory Care Clinical Practice Guidelines by the time of graduation.

Critical Thinking Outcomes

4. Demonstrate clinical problem solving skills as part of their clinical practice requirement. Specific clinical practice activities found in the program's curriculum are determined by the National Board of Respiratory Care {NBRC}. Satisfactory problem solving capabilities are determined by the cardiopulmonary sciences program Director of Clinical Education prior to graduation and the program graduate's first in-profession employer within 6 months of graduation.).
5. Analyze collected clinical data and recommend proper therapy as needed.
6. Perform patient evaluations and recommend proper therapy according to standards established by the American Association of Respiratory Care (AARC) clinical practice guidelines.

Communication Outcomes

7. Demonstrate proficiency in oral communications skills expected of the entry-level respiratory care professional.
8. Demonstrate proficiency in written communications skills at a level expected of an entry-level advanced practice respiratory care professional.
9. Demonstrate proficiency in team/collaborative communications skills expected of an entry-level advanced practice respiratory care professional.

Assessment of Cardiopulmonary Sciences Outcomes

These outcomes will be assessed using a variety of assessment methods, including:

- Tests
- Presentations
- National certification exam
- Clinical evaluations
- Comprehensive exams
- Laboratory evaluations
- Simulations

Outcomes will be posted in PDF format on the Program in Cardiopulmonary Sciences web site and be available in hard copy in the Department of Health Professions.