

Respiratory Care

2005-07

Unit Mission: The Respiratory Care program trains students for employment as respiratory therapists to evaluate, treat and care for patients with pulmonary and cardiac related problems. The program prepares students to sit for the national credentialing and state licensure exams.

Planning Facilitator(s): Program Manager: Richard Palma

Unit Planning Process:

The Respiratory Care program conducts an ongoing system review as well as a formal annual planning process for the improvement and revision of the unit plan. This is done for specific courses and the program plan as a whole. The program faculty meet at least three times every term for this purpose. The faculty are required to do the following as mandated by the program's national credentialing body (CoARC) and implement subsequent recommendations:

1. Submit annual reports to CoARC including student, graduate, employer, clinical affiliate survey results and pass rates and corrective action plans on the national credentialing exam. (Currently Florida accepts these exams for licensure)

External Trends:

Trend or Event

There is a national and a statewide shortage of respiratory therapists. RT's in Florida enjoy an exceptionally advanced level of practice.

Impact

We will continue to attract motivated students as they learn of these shortages and the advanced level of practice. Our job placement rate is almost 100%.

Constituent Needs:

Our local community of interest includes all of the hospitals and most health care institutions in Hillsborough county. Our service population and enrollment is expected to increase markedly. As hospitals expand the range and depth of services they will be looking to RT's to meet these needs.

Unit Objective: #1: To prepare safe, effective and competent entry-level respiratory therapists

Objective Type: Information/Com. Technology Facilities Diversity

Target date: 12/31/2005 Position responsible: Program Manager

This unit objective supports achievement of the following:

College Goal: 1. Promote institutional learning through excellence in teaching, support services, and instructional delivery systems.

State Performance Standard:

Priority Initiative:

Review Recommendation: Responds to internal program review to increase pass rates on the entry-level credentialing exam (CRT)

Total cost to achieve this objective: \$4,700

Cost exceeds unit base budget:

Full-time salaries	\$0	Professional development	\$0
Part-time salaries	\$0	Capital costs	\$0
Hourly salaries	\$0	Expenses	\$4,700
Contract salaries	\$0		

Describe costs: \$2,700 to run the review seminar and \$2,000 for extra computerized exams.

Strategies:

1. Increase number of Practice exams the students take.
2. Offer review seminar on campus for the second year students.

**Expected Outcomes/
Success Criteria:**

All graduates who take the entry level exam at least 85% will pass the NBRC Entry Level Exam by 12/31/2005.

Means of Assessment:

National Board for Respiratory Care score report.

Results of Assessment:

Within one month of graduation 100% of the last graduating cohort passed the CRT exam. We exceeded our goal and this is in excess of the national average of only 73%.

Status: Accomplished

Use of Assessment

Results:

We surpassed our goals in percent pass rate and in time of accomplishment. We will continue to look for weak areas but our emphasis will be on ascertaining what we do here that differs from the average program. We believe it is building camaraderie among students and the extensive use of practice exams as learning tools.

Unit Objective: #2. To prepare safe, effective and competent advanced-practice respiratory therapists.

Objective Type: Information/Com. Technology Facilities Diversity

Target date: 12/31/2004 Position responsible: Program Manager

This unit objective supports achievement of the following:

College Goal: 1. Promote institutional learning through excellence in teaching, support services, and instructional delivery systems.

State Performance Standard:

Priority Initiative:

Review Recommendation: Responds to internal program review to increase pass rates on the advanced-practice credentialing exam (RRT).

Total cost to achieve this objective: \$6,000

Cost exceeds unit base budget:

Full-time salaries	\$0	Professional development	\$0
Part-time salaries	\$0	Capital costs	\$0
Hourly salaries	\$0	Expenses	\$6,000
Contract salaries	\$0		

Describe costs: \$4,000 to run a review seminar and \$2,000 for extra computerized tests.

Strategies:

Offer review seminar for second year graduating students.
Provide more computerized exams for practice.

**Expected Outcomes/
Success Criteria:**

All graduates who attempt the Written Registry exam at least 80% will pass it by the second attempt.

All graduates who attempt the NBRC Clinical Simulation exams at least 70% will pass it by the second attempt.

Means of Assessment:

National Board for Respiratory Care score report.

National Board for Respiratory Care score report.

Results of Assessment:

Currently half of the last graduating cohort passed the written registry, only one required a second attempt. Again, we exceeded our goals.

Six of seven passed the Clinical Simulation exam already. Again we exceeded our expectations.

Status: Accomplished

Use of Assessment

Results:

We exceeded our goals in percentage pass rate and time of accomplishment. We will continue to look for weak areas but our emphasis will be on ascertaining what we do here that differs from the average program. We believe it is building camaraderie among students and the extensive use of practice exams as learning tools.

Unit Objective: #3. To ensure that the students' investment of time is well spent in the attainment of employment in their chosen field of study and are satisfied with the program.

Objective Type: Information/Com. Technology Facilities Diversity

Target date: 12/31/2004 Position responsible: Program Manager

This unit objective supports achievement of the following:

College Goal: 1. Promote institutional learning through excellence in teaching, support services, and instructional delivery systems.

State Performance Standard:

Priority Initiative:

Review Recommendation: Responds to internal program review to satisfy local community of interest for satisfactory job placements.

Total cost to achieve this objective: \$500

Cost exceeds unit base budget:

Full-time salaries	\$0	Professional development	\$0
Part-time salaries	\$0	Capital costs	\$0
Hourly salaries	\$0	Expenses	\$500
Contract salaries	\$0		

Describe costs:

Strategies:

We continue to place our students in many different clinical affiliates and we have five individual clinical practice courses. Although this is for educational purposes it also maximizes our students exposure to potential employers.

**Expected Outcomes/
Success Criteria:**

Part A: 100% job placement by our graduates who seek employment.

Part B: At least an aggregate score of three on a likert scale of 1 to 5 on COARC student satisfaction survey.

Means of Assessment:

Six months after graduating we survey our graduates via mail.

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Results of Assessment:

Our last class graduated July 1, 2005. Therefore the surveys would not be mailed out prior to December 1, 2005. However we see our graduates at our clinical affiliates as most of them are hired by them. All but one student is currently employed.

Our last class graduated July 1, 2005. Therefore our surveys would not be mailed out prior to December 1st. However we see most of our graduates as employees of our clinical affiliates and they verbally reported to us that all is well.

Status: Accomplished

**Use of Assessment
Results:**

Part A: We will send out surveys but we already know that we have excellent job placement and we expect this to continue. National and local forecasts suggest that a labor shortage will continue to propel us to near 100% job placement. Nevertheless, we will continue to monitor this area.
Part B: We would not expect our surveys back until mid January 2006. Therefore we will do a definitive report on this area at that time.

Unit Objective: #4 To ensure employer satisfaction with graduate practitioners.

Objective Type: Information/Com. Technology Facilities Diversity

Target date: 12/31/2005 Position responsible: Program Manager

This unit objective supports achievement of the following:

College Goal: 3. Enhance access, flexibility, and responsiveness to meet the changing educational needs of the students and the community.

State Performance Standard:

Priority Initiative:

Review Recommendation:

Total cost to achieve this objective: \$500

Cost exceeds unit base budget:

Full-time salaries	\$0	Professional development	\$0
Part-time salaries	\$0	Capital costs	\$0
Hourly salaries	\$0	Expenses	\$500
Contract salaries	\$0		

Describe costs:

Strategies:

Give the employers who come to the advisory committee meetings the surveys to fill out at that time to ensure adequate return.

**Expected Outcomes/
Success Criteria:**

At least an aggregate score of three on a likert scale of 1 to 5 on COARC employer satisfaction survey.

Means of Assessment:

Six months after graduation, survey is mailed to all identified employers.

Results of Assessment:

Our last class graduated July 1, 2005 therefore our suveys to employers would not go out prior to December 1, 2005. We have not received any negative reports from the employers and several have stated that they are satisfied.

Status: In progress

**Use of Assessment
Results:**

We would not expect the reports to be back untill mid January 2006. Therefore we will submit a definitive report about this area at that time.

Unit Objective: #5 Ensure retention of qualified students in the program.

Objective Type: Information/Com. Technology Facilities Diversity

Target date: 12/31/2005 Position responsible: Program manager

This unit objective supports achievement of the following:

College Goal: 3. Enhance access, flexibility, and responsiveness to meet the changing educational needs of the students and the community.

State Performance Standard:

Priority Initiative:

Review Recommendation:

Total cost to achieve this objective: \$0

Cost exceeds unit base budget:

Full-time salaries	\$0	Professional development	\$0
Part-time salaries	\$0	Capital costs	\$0
Hourly salaries	\$0	Expenses	\$0
Contract salaries	\$0		

Describe costs:

Strategies:

Ensure stable faculty and resources.

**Expected Outcomes/
Success Criteria:**

Ensure that there is less than 30% attrition from the program.

Means of Assessment:

Admissions and Registration numbers.

Results of Assessment:

We lost 3 out of a starting group of 17. However since the new PM and DCE have been here we have did not loose any of the remaining 14 students. Also we lost only 1 of 17 from the next cohort of students who started with us and are still in progress.

Status: Accomplished

**Use of Assessment
Results:**

The loss of the 7/21 occurred prior to the present faculty. Since the present faculty have been here we lost only one student.