

**Detailed Assessment Report for  
2006-2007 Respiratory Therapy MS**

## **MISSION**

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Our mission is to expand the knowledge of respiratory therapists who will be the future leaders and educators in the profession of respiratory care. This is accomplished through our traditional master's track.

## **STUDENT LEARNING OUTCOMES**

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### **Outcome/Objective 1:**

Critical thinking in the application of research

#### **Full Description:**

An entry-level understanding in the design, interpretation and ethical conduct of research

**A Student Learning Outcome?**     Yes

#### **Related Measures:**

- **M. 1:** Demonstrate appreciation of research process

#### **Related Actions:**

- **A. 2:** Implement rubric for evaluating thesis proposals

### **Outcome/Objective 2:**

Advanced understanding of respiratory care topics

#### **Full Description:**

Demonstrate advanced level competence in the use, interpretation, and troubleshooting of advanced ventilatory techniques and cardiopulmonary monitoring

**A Student Learning Outcome?**     Yes

#### **Related Measures:**

- **M. 1:** Demonstrate appreciation of research process
- **M. 2:** Understanding of advanced topics in RT

#### **Related Actions:**

- **A. 1:** Integrated bachelor's to master's entry RT program

- A. 2: Implement rubric for evaluating thesis proposals

**Outcome/Objective 3:**

Technical and scientific communication skills

**Full Description:**

Demonstrate technical and scientific oral and written communication skills;

**A Student Learning Outcome?** Yes

**Related Measures:**

- M. 1: Demonstrate appreciation of research process
- M. 2: Understanding of advanced topics in RT

**Related Actions:**

- A. 1: Integrated bachelor's to master's entry RT program
- A. 2: Implement rubric for evaluating thesis proposals

**Outcome/Objective 4:**

Evaluation of RT literature

**Full Description:**

Intensive review of respiratory care literature to prepare for thesis or project

**A Student Learning Outcome?** Yes

**Related Measures:**

- M. 2: Understanding of advanced topics in RT

**Related Actions:**

- A. 2: Implement rubric for evaluating thesis proposals

**Outcome/Objective 5:**

Understanding Health Policy in the US

**Full Description:**

Evaluate contemporary principles of health policy in the U.S. and other countries to better understand the essential components of delivering health services

**A Student Learning Outcome?** Yes

**Related Measures:**

- M. 3: Understanding Health Policy in the US

## MEASURES

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### Measure 1:

Demonstrate appreciation of research process

#### Measure Full Description:

There are two possible options: thesis or project. Evaluation of oral communication competence is evaluated by faculty members during the thesis defense or presentation of project.

#### Related Outcome(s)/Objective(s):

- **Obj. 1:** Critical thinking in the application of research
- **Obj. 2:** Advanced understanding of respiratory care topics
- **Obj. 3:** Technical and scientific communication skills

#### Target Level:

Completion of thesis or graduate project for graduation

#### Findings:

Currently we have 5 graduate students who are working towards their requirements of a thesis or project. Each has maintained at least a 3.0 GPA or better in their coursework.

**Target Level Achievement:** Partially Met

**Further Action Planned?** Yes

### Measure 2:

Understanding of advanced topics in RT

#### Measure Full Description:

Written paper and presentation of findings at the conclusion of RT 6030, Understanding of advanced topics in ventilatory Support, and RT 6040, Cardiopulmonary monitoring, as well as other topics of interest as agreed upon by the student and advisor (RT 7090).

#### Related Outcome(s)/Objective(s):

- **Obj. 2:** Advanced understanding of respiratory care topics
- **Obj. 3:** Technical and scientific communication skills
- **Obj. 4:** Evaluation of RT literature

#### Target Level:

Score of at least 85% as graded by the instructor or advisor

**Findings:**

All graduate students enrolled in RT 6030, RT 6040, and/or RT 7090 scored at least 85% or higher.

**Target Level Achievement:** Met

**Further Action Planned?** No

**Measure 3:**

Understanding Health Policy in the US

**Measure Full Description:**

Evaluate contemporary principles of health policy in the U.S. and other countries to better understand the essential components of delivering health services.

**Related Outcome(s)/Objective(s):**

- [Obj. 5](#): Understanding Health Policy in the US

**Target Level:**

Meets requirements of HHS 8000 with 80% or better.

**Findings:**

All students met the objective.

**Target Level Achievement:** Met

**Further Action Planned?** No

## **ACTIONS**

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**Action 1:**

Integrated bachelor's to master's entry RT program

**Full Description**

Applicants to our traditional undergraduate program will be encouraged to apply to this new admission option if they already have a bachelor's degree and have completed all pre-requisites. Will reserve no more than 10 slots in entering class for this admission option.

**Related Objectives:**

- [Obj. 2](#): Advanced understanding of respiratory care topics
- [Obj. 3](#): Technical and scientific communication skills

**Related Measures:**

- M. 2: Understanding of advanced topics in RT

**Person/group responsible for the action**

Faculty in the Division of Respiratory Therapy

**Target date to implement the action**

Fall semester 2007

**Priority**

Med

**Action 2:**

Implement rubric for evaluating thesis proposals

**Full Description**

A rubric will be developed and tested for usability in 07/08 for all thesis proposals.

**Related Objectives:**

- Obj. 1: Critical thinking in the application of research
- Obj. 2: Advanced understanding of respiratory care topics
- Obj. 3: Technical and scientific communication skills
- Obj. 4: Evaluation of RT literature

**Related Measures:**

- M. 1: Demonstrate appreciation of research process
- M. 2: Understanding of advanced topics in RT

**Person/group responsible for the action**

Program Director (Goodfellow)

**Target date to implement the action**

Fall 2007

**Priority**

Med

**ANALYSIS**

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**Strength**

RT 7090, Seminar in Respiratory Care, implemented fall 06. This course reviewed newer and emerging technologies specific to the cardiopulmonary system with an emphasis on a more thorough review of the literature. The master's program is continuing to increase in numbers of students as the number of applications has increased from 9 in fall 2006 to 11 for fall 2007 with 4 integrated masters applications at this time.

**Attention Needed**

1. Thesis advising and development
2. New integrated program will be tested for implementation