

Course Proposals

List of all proposals

Course Name: Certified Pulmonary Function Technologist

Course Prefix: MSRT

Course Number: 6410

Submitted by (Name & E-Mail): Paul Eberle, peberle@weber.edu

Current Date: 10/31/2012

College: Health Professions

Department: Respiratory Therapy

From Term: Spring 2014

Substantive

new

Current Course Subject N/A

Current Course Number

New/Revised Course Information:

Check all that apply:

Subject:

This is for courses already approved for gen ed.

Use a different form for proposing a new gen ed designation.

Course Number: 6410

DV CA HU LS PS SS

EN AI QL TA TB TC TD TE

Course Title: Certified Pulmonary Function Technologist

Abbreviated Course Title: Certified Pulmonary Function

Course Type: LEC

Credit Hours: 3 or if variable hours: to

Contact Hours: Lecture 45 Lab Other

Repeat Information: Limit 0 Max Hrs 0

Grading Mode: standard

This course is/will be:

- a required course in a major program
- a required course in a minor program
- a required course in a 1- or 2- year program
- elective

Prerequisites/Co-requisites:

Acceptance into MSRT program.

Course description (exactly as it will appear in the catalog, including prerequisites):

Evaluation and assessment of pulmonary disease is an important skill for the advanced-practice respiratory care practitioner (RCP). Requisite to making an accurate diagnosis, practitioners must understand diagnostic measurements and recommend treatment of patients with specific pulmonary diseases. This course is essential to gain knowledge to pass the CPFT (NBRC) exam for Certified Pulmonary Function Technologists.

Justification for the new course or for changes to an existing course. (Note: Justification should emphasize academic rationale for the change or new course. This is particularly important for courses requesting upper-division status.)

Two national specialty credentials of five currently available are required for advanced-practice distinction for Master of Science degree in Respiratory Therapy

INFORMATION PAGE
for substantive proposals only

1. Did this course receive unanimous approval within the Department?

true

If not, what are the major concerns raised by the opponents?

2. If this is a new course proposal, could you achieve the desired results by revising an existing course within your department or by requiring an existing course in another department?

No, this course is an advanced-course specific to respiratory therapists above the entry-level practitioner offered at the baccalaureate level.

3. How will the proposed course differ from similar offerings by other departments? Comment on any subject overlap between this course and topics generally taught by other departments, even if no similar courses are currently offered by the other departments. Explain any effects that this proposal will have on program requirements or enrollments in other department. Please forward letters (email communication is sufficient) from all departments that you have identified above stating their support or opposition to the proposed course.

No similar offerings at the institutional level and no perceived overlap.

4. Is this course required for certification/accreditation of a program?

no

If so, a statement to that effect should appear in the justification and supporting documents should accompany this form.

5. **For course proposals**, e-mail a syllabus to Faculty Senate which should be sufficiently detailed that the committees can determine that the course is at the appropriate level and matches the description. **There should be an indication of the amount and type of outside activity required in the course (projects, research papers, homework, etc.).**

Please mail a signed approval page to the Faculty Senate Office, MA 210J, MC 1003.

COURSE SYLLABUS: CERTIFIED PULMONARY TECHNOLOGIST [CPFT]
MSRT 6410
Spring Semester 2014

Instructor: Mich Oki, MPAcc, RRT, RPSGT

e-mail: moki@weber.edu

Office: MH 312

Phone: (801) 626-6835

Schedule: T-Th 11:00-1:50

Location: MH 323

REQUIRED TEXT: "Kettering Certified Pulmonary Technologist," Kettering Seminars 2012.

PURPOSE: The purpose of this course is to gain the knowledge to pass the CPFT (NBRC) exam for the Certified Pulmonary Function Technologist credential.

RATIONAL: The advanced-practice respiratory care practitioner (RCP) plays an active role in the assessment and treatment of patients with pulmonary disorders.

OBJECTIVES: Each student will be able to demonstrate the following:

1. Pass a Final, which simulates the CPFT credentialing test with the national minimal score of 75%. The areas that will be taught are as follows:
 - a. Prepare or test devices, such as mechanical ventilators, therapeutic gas administration apparatus, environmental control systems, aerosol generators, or electrocardiogram (EKG) machines.
 - b. Keep records of patients' therapy, completing all necessary forms.
 - c. Administer breathing or oxygen procedures, such as intermittent positive pressure breathing treatments, ultrasonic nebulizer treatments, or incentive spirometer treatments.
 - d. Explain treatment procedures to patients
 - e. Use ventilators or various oxygen devices or aerosol and breathing treatments in the provision of respiratory therapy

ASSIGNMENTS: A credit/no-credit pretest will be given to determine knowledge base. Weekly quizzes and homework assignments will be given on chitester. A minimum score of 90% is required to continue to the next section. A comprehensive final will be given that simulates the RPSGT exam.

GRADING: Your grade will be determined by the percentage of possible points accrued during the quarter as follows:

Pre Test	CR/NC
Quizzes	20%
Homework	10%
Post Test	10%
Final	60%

93.0 - 100 = A	81.0 - 83.9 = B-
90.0 - 92.9 = A-	78.0 - 80.9 = C+
87.0 - 89.9 = B+	75.0 - 77.9 = C
84.0 - 86.9 = B	< 75 = C-

All late assignments will be subject to a 5% penalty per day and will not be accepted after one week from the due date. A late exam will be subject to a reduction of one letter grade per day.

A "C" grade or better is required on each Respiratory Therapy didactic examination. Failure to achieve this grade on an examination will require remediation and a repeat of the examination within two weeks. A "C" grade is the highest attainable grade on any retake.

STUDENTS WITH DISABILITIES: Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Service Center. SSD can also arrange to provide course materials (including this syllabus) in alternative formats if necessary.

EXTRA CREDIT: Extra credit may be arranged through the instructor to improve by one letter grade and not to prevent failing the class. This will consist of a short paper written on a disease of the instructor's choice, with footnotes, references, and a bibliography. This may be presented in class, coordinated with the "writing center" on campus, and turned in at the conclusion of the semester.