

Course Proposals

List of all proposals

Course Name: Adult Critical Care Specialty

Course Prefix: MSRT

Course Number: 6470

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:

This is for courses already approved for gen ed.

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

Subject: Select Subject

Course Number: 6470

DV CA HU LS PS SS

EN AI QL TA TB TC TD TE

Course Title: Adult Critical Care Specialty

Abbreviated Course Title: Adult Critical Care Specialty

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):

This course prepares the advanced-practice respiratory care practitioner (RCP) to effectively evaluate, assess, manage and provide appropriate care to critically ill adult patients. This course extensively covers advanced airway and cardiovascular management, mechanisms of respiratory failure, analysis of laboratory and imaging results, specialty medical gasses and pharmacological agents, management of patients with infectious disease and sepsis, assisting and performing advanced procedures, and end-of-life care in the adult population. This course will prepare

the practitioner for an advanced critical care specialty credentialing examination (ACCS).

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 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: Adult Critical Care Specialist (ACCS)
MSRT 6470
Spring 2014

Instructor: Lisa Trujillo, DHSc, RRT
e-mail: ltrujillo@weber.edu
Office: MH 309
Phone: (801) 626-6834
Schedule: TBA
Location: Online

REQUIRED TEXTS: Kettering National Seminars, Adult Critical Care Specialist (ACCS) study guide, workbook, quick reference guide, practice exam, and lecture CDs.

PURPOSE: The purpose of this course is to prepare advanced-practice respiratory care practitioners (RCP) to effectively evaluate, assess, manage and provide appropriate care to critically ill adult patients. This course extensively covers airway management and mechanical ventilation, mechanisms of respiratory failure, administration of specialty gases and pharmaceuticals, disease prevention, troubleshooting equipment and devices, assisting and performing advanced procedures, interpretation of lab values and diagnostic imaging, patient and family education, managing patients with sepsis and infectious diseases, and providing end-of-life care in the adult population. Upon successful completion of this course the student will be adequately prepared to become an Adult Critical Care Specialist (ACCS) as offered through the National Board for Respiratory Care (NBRC).

RATIONALE: Care of critically ill adult patients with respiratory disorders and illnesses requires skills and knowledge beyond what is required by the Registered Respiratory Therapist (RRT) credential. RCPs play a concentrated and integral role in the diagnosis, treatment and long term care of critically ill patients in this category. The ACCS credentialing examination is the standard for assessing a RCPs ability to provide such care. Professionals who work in adult intensive care units and other critical care areas nationally recognize this credential.

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

- 1) Provide effective airway management and mechanical ventilation, including the administration of specialty gases and respiratory related pharmaceuticals.
- 2) Identify signs and symptoms of respiratory failure and respiratory diseases and disorders through the use of advanced imaging diagnostics, laboratory tests, patient assessment.
- 3) Develop a firm grasp of invasive and noninvasive therapies and techniques used to prevent and treat respiratory diseases and disorders in adult patients.
- 4) Provide clear and effective respiratory care education to patients and their families that will provide the patient tools to manage their disease processes upon discharge.

- 5) Perform above 75% in a nationally recognized specialty examination.

ASSIGNMENTS: Students will be required to successfully complete at 80% or higher the following assignments:

- 1) Participate in weekly online postings and discussions with scholarly submissions worthy of a Masters level course.
- 2) A credit/no-credit pretest will be given to determine the student's knowledge base on the course content.
- 3) Quizzes will be administered throughout the course based on the content covered in the previous 2 weeks.
- 4) Final paper is required. The student will pick one respiratory related aspect of adult critical care and write a scholarly research paper consisting of 10 pgs not including title page, table of content, abstract, references or appendixes. A receipt from the WSU Writing Center is required when submitting this assignment.
- 5) A final exam simulating the NBRC ACCS credentialing exam will be administered. Students must pass this Self Assessment Examination (SAE) with a score of 75% (which is greater than the national cut score) in order to pass the course.

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

Weekly discussion board	350 pts (25 pts each week x 14 weeks)
Pretest	100 pts
Quizzes	350 pts (50 pts each – max of 7 quizzes)
Final paper	200 pts
ACCS SAE (final exam)	<u>300 pts</u>
Final:	1300 pts

Your grade = $\frac{\text{Your Points}}{\text{Total Possible Points}} = \% \text{ Grade}$

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.

An 80% or better is required on each component of this course with the exception of the SAE. Failure to achieve 80% on any component by its original due date will require remediation and a repeat of the assignment within one week. Less than 80% on any component after remediation and repeat of the assignment will result in a 'not passing' grade, which will require that the course be repeated.

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 is not available in this course.

****Keep in mind that all assignments must be written at a Masters degree level. As mentioned previously, APA format is strictly required on all assignments. Please refer to the APA manual frequently throughout this course to ensure you are using proper formatting techniques.**