**JACKSON COLLEGE OFFICIAL COURSE OUTLINE**

# Course number, title and credits; total time allocation

Course Number **RES 124** Credits **2** Title **Respiratory Pharmacology**

Lecture/Discussion **30** hrs/semester Lab **0** hrs/semester Clinical **0** hrs/semester

**Catalog description and Pre- and Co-requisites (Same as taxonomy and catalog)**

**This course provides an overview of general pharmacology with an emphasis on drugs used in the critical care management of cardiopulmonary conditions.**

**Knowledge, skills and abilities Students Acquire from this Course (Educational Objectives)**

* **Compare and contrast the indications, contraindications, side effects, and standard and maximum adult dosages for common bronchopulmonary drugs. ADO 7**

**Associate Degree Outcomes Addressed in this Course (These must appear in course syllabus)**

* **ADO 7**

# Units/topics of Instruction

* **Principles of Pharmacology**
* **Neurology Review**
* **Autonomic and Peripheral Nervous System Drugs**
* **Respiratory System Drugs**
* **Adrenal Cortical Hormones**
* **Antibiotics**
* **Cardiovascular Drugs**
* **Central Nervous System Drugs**

**Instructional Techniques and Procedures**

* **The methods used in this course are power point, group work, Turning Point clickers to assess knowledge, and on line quizzes**

# Instructional Use of Computer or Other Technology

* **Yes**

# Instructional Materials and Costs to Students

* **$19**

# Skills and abilities students should bring to the course

|  |  |  |  |
| --- | --- | --- | --- |
| Able to read | a limited amount of material an average amount of materialan above average amount of material | Able to compute | basic, pre-algebraic problems simple algebraic problemshigher order mathematical problems |
| Able to read | relatively easy material moderately difficult material technical or sophisticated material | Able to write | short compositionsmedium length compositions lengthy compositions |
| Able to use technology | keyboard skills/familiar with computer computer applicationweb navigation | Other necessary abilities |

**The course is usually scheduled:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  Day: | **X** | Fall |  | Winter |  | Spring | Evening: |  |  Fall |  | Winter |  | Spring |

|  |  |  |
| --- | --- | --- |
| **Prepared by \_\_\_Helen Grim\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  | **Date \_\_11-25-2013\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Approved by Dept. Kristin Spencer** |  | **Date 11-25-13** |
| **Approved by Dean: Jeremy Frew** |  | **Date 11-26-13** |
| **Approved by Curr. Comm. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  | **Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

 **(Last names, please) Form Revised 12/4/00**