**JACKSON COLLEGE OFFICIAL COURSE OUTLINE**

**Course number, title and credits; total time allocation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Course Letter/Number | **RES 114** | Credits | **2** | Title | **Cardiopulmonary Pathophysiology I** |
|  |  |  |  |  |  |
| 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)**

**The student in this course will be able to describe the etiology, pathophysiology, clinical manifestations, diagnosis and management of a variety of cardiopulmonary diseases and processes. Using a series of case studies, student will continue to develop assessment skills and apply Clinical Practice Guidelines to develop care plans for patients with cardiopulmonary disease.**

**Knowledge, Skills and Abilities Students Acquire from this Course (Educational Objectives)**

* **Compare/contrast the etiology, pathology, clinical manifestations, laboratory findings, diagnosis, treatment, and management of:**
	+ **the obstructive diseases.**
	+ **infectious pulmonary disease ADO 7**

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

* **ADO 7**

**Units/topics of Instruction**

* **Assessment of Respiratory Disease**
* **Obstructive Diseases (Chronic Bronchitis, Emphysema, Asthma, Bronchiectasis, Cystic Fibrosis)**
* **Infectious Pulmonary Disease (Pneumonia, Lung Abscess, Tuberculosis, Fungal Diseases)**
* **Disorders of the Pleura and Chest Wall (Effusion/Empyema, Kyphoscoliosis), Interstitial Lung Disease**

**Instructional Techniques and Procedures**

* **Lecture**

**Instructional Use of Computer or Other Technology**

* **Yes**

**Instructional Materials and Costs to Students**

* **$19**

**Skills and abilities students should bring to the course:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | a limited amount of material |  |  | basic, pre-algebraic problems |
| Able to read |  | an average amount of material | Able to compute | **X** | simple algebraic problems |
|  | **X** | an above average amount of material |  |  | higher order mathematical problems |
|  |  |  |  |  |  |
|  |  | relatively easy material |  | **X** | short compositions |
| Able to read |  | moderately difficult material | Able to write |  | medium length compositions |
|  | **X** | technical or sophisticated material |  |  | lengthy compositions |
|  |  |  |  |  |  |
|  | **X** | keyboard skills/familiar with computer |  |  |  |
| Able to use | **X** | computer application | Other necessary  |  |  |
|  technology | **X** | web navigation |  Abilities |  |  |
|  |  |  |  |  |  |

**The course is usually scheduled:**

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

|  |  |  |
| --- | --- | --- |
| **Prepared by \_\_\_\_\_Ann Flint\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  | **Date \_\_11-22-2013\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **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**