

SOUTHEAST COMMUNITY COLLEGE
COURSE SYLLABUS
HEALTH SCIENCES DIVISION
RESPIRATORY CARE PROGRAM
Revision Date: 8/2019
[Syllabus Statements](#)

I. CATALOG DESCRIPTION

Course Number: RESP 1114
Course Title: RESPIRATORY CARE PRINCIPLES
Prerequisites: Admitted to Program

Catalog Description: Development of assessment skills in regards to patient history, physical exam, and laboratory studies with emphasis on proper charting of assessment.

Credit Hours: 3
Class Hours: 45
Lab Hours:
Total Contact Hours: 45

II. COURSE OBJECTIVES: *Course will:*

- A. Identify patient interaction and communication techniques.
- B. Gather significant information from a patient's chart.
- C. Recognize normal and abnormal vital signs.
- D. Determine normal and abnormal physical assessment.
- E. Interpret radiologic exams and laboratory information.
- F. Assess record keeping formats used in health care.
- G. Determine proper asepsis techniques.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Student will be able to:*

1. Demonstrate proficiency in cardiopulmonary assessment.
2. Demonstrate applications of patient record keeping principles.
3. Evaluate and assess radiologic and laboratory information.
4. Demonstrate appropriate asepsis practices.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO #3: Critical Thinking & Problem Solving

Outcomes:

1. Collect, identify, interpret and analyze data.
2. Synthesize information to arrive at reasoned solutions to problems.
3. Evaluate ideas presented in writing, medial, speech, or artistic presentations.
4. Evaluate the validity of arguments, alternatives, data, outcomes, and/or impacts of actions.
5. Acquire and integrate knowledge and construct relationships across disciplines.

IV. CONTENT/TOPICAL OUTLINE *(course outline may provide more detailed information)*

A. PREPARING FOR THE PATIENT ENCOUNTER

1. Stages of Patient-Clinician Interaction
2. Use of Space
3. Territoriality
4. Expressing Genuine Concern

- 5. Cultural Interaction
 - 6. Age Appropriateness
 - B. INTERVIEWING AND RESPIRATORY HISTORY**
 - 1. Interviewing the Patient
 - 2. Comprehensive Health History
 - 3. Chart Review
 - C. RECORD-KEEPING**
 - 1. Traditional Record
 - 2. Problem-Oriented Record
 - 3. SOAP Charting
 - 4. Legal Aspects
 - D. VITAL SIGNS**
 - 1. Obtaining Vital Signs
 - 2. Body Temperature
 - 3. Pulse Rate
 - 4. Respiratory Rate
 - 5. Blood Pressure
 - E. PHYSICAL EXAM**
 - 1. Lung Topography
 - 2. Examination of Head and Neck
 - 3. Examination of Thorax
 - 4. Examination of Abdomen
 - 5. Examination of Extremities
 - 6. Physical Signs of Respiratory Distress
 - 7. Advance Chest Assessment
 - F. CHEST RADIOGRAPHY**
 - 1. Indications for Chest X-Ray Examination
 - 2. Radiographic View
 - 3. Evaluation of Chest Radiograph
 - 4. CAT Scan/MRI/Pulmonary Angiography
 - G. CLINICAL LABORATORY STUDIES**
 - 1. Hematology
 - 2. Chemistry
 - 3. Microbiology
 - 4. Bronchoalveolar Lavage
 - 5. Pleural Fluid Examination
 - 6. Urinalysis
 - 7. Histology and Cytology
 - 8. Skin Testing
 - H. Asepsis**
 - 1. Hand washing
 - 2. Cleanliness of equipment
 - 3. Biohazardous material handling
 - 4. Infectious disease protocols
 - 5. Infection control policies and procedures
- V. INSTRUCTIONAL MATERIALS**
- A. Required text(s)/Supplies:**
 - Clinical Assessment in Respiratory Care*, Hever and Scanlon, current edition; Mosby.
 - Egan's Fundamentals of Respiratory Care*, Kacmarek, Stoller and Hever, current edition; Mosby.

Laboratory Exercises for Competency in Respiratory Care, Butler, current edition, F.A. Davis Company.

B. Other resources:

Internet Services (web sites)
Handouts/Worksheets
Class discussion

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of presentation typically include a combination of the following:

1. Lecture
2. Projects/Worksheets
3. Videos/Multimedia
4. Peer Check offs
5. Lab practice

VII. METHODS OF EVALUATION

A. Methods of evaluation typically include a combination of assignments, quizzes, exam, projects, skill checkoffs, etc. For grading expectations please see the course information document.

Current College Grading Scale will be used.

SCC STANDARD GRADING SCALE POLICY:

A+ 95-100	C+ 75-79
A 90-94	C 70-74
B+ 85-89	D+ 65-69
B 80-84	D 60-64
	F Below 60

VIII. SPECIFIC COURSE REQUIREMENTS

A. ATTENDANCE

Attendance is crucial to the success of this course. Any class missed could mean valuable missed information, which is difficult to obtain. Please notify the instructor of any pending absences or if you will be late. Absences in excess of four hours may result in failing the course.

B. Must pass all program courses with a C+ to progress to the next term.

Please see course information document for course policies related to grading, expectations, assignments, assessments, and participation.