

Reese Campus

## Course Syllabus

COURSE: RSPT 2131.200 – Simulations in Respiratory Care  
SEMESTER: Spring 2015  
CLASS TIMES: 10:00-10:50 AM  
Tuesday  
INSTRUCTOR: Krista Young, BS, RRT  
OFFICE: Room 520  
OFFICE HOURS: Monday & Wednesday: 1:45 PM – 3:00 PM  
Tuesday: 11:00 AM – 12:00 PM  
Thursday: 10:00 AM-12:00 PM  
Friday: 9:00 AM- 11:45 AM  
Other Times By Appointment  
OFFICE PHONE: (806) 716-4624  
E-MAIL: [kyoung@southplainscollege.edu](mailto:kyoung@southplainscollege.edu)  
FACEBOOK: <https://www.facebook.com/SouthPlainsCollegeRespiratoryCare>

*"South Plains College improves each student's life."*

### GENERAL COURSE INFORMATION

#### COURSE DESCRIPTION

Theory of clinical simulation examinations. Includes construction types, scoring, and mechanics of taking the computerized simulation examination.

#### END-OF-COURSE-OUTCOMES

1. Utilize clinical simulations to enhance information gathering and decision making skills.
2. Student will be skilled in the technical aspects of successfully completing the computerized clinical simulation exam.

#### COURSE OBJECTIVES AND STUDENT LEARNING OUTCOMES

1. Discuss the history and theory of clinical simulation testing
2. Identify the structure of clinical simulations test and scoring mechanisms (C1, C5, C18, C19, C20, F1, F3, F4, F8, F12)
3. Differentiate between information gathering and decision making as applied to the clinical simulation test (C1, C5, C18, C19, C20, F1, F3, F4, F8, F12)
4. Differentiate between the major diseases that may be covered on the clinical simulation test (C1, C5, C18, C19, C20, F1, F3, F4, F8, F12)
5. The student will be familiar with NBRC Clinical Simulation Board Exam matrices and content

#### ACADEMIC INTEGRITY

It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

**Cheating** - Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in the office are examples of cheating. Complete honesty is required of the student in the presentation of any and all phases of coursework. This applies to quizzes of whatever length, as well as final examinations, to daily reports and to term papers.

**Plagiarism** - Offering the work of another as one's own, without proper acknowledgment, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines and other reference works, or from themes, reports or other writings of a fellow student, is guilty of plagiarism.

Blackboard is an e-Education platform designed to enable educational innovations everywhere by connecting people and technology. This educational tool will be used in this course throughout the semester.

### **SCANS and FOUNDATION SKILLS**

Refer also to Course Objectives. SCANS and Foundation Skills attached.

### **VERIFICATION OF WORKPLACE COMPETENCIES – Health Occupations Division**

Capstone Experience. This class utilizes the NBRC WRRT SAE and CSE-SAE as its final examination. The SAE exam scores are established by the NBRC. The recorded scores for each are calculated from the table of the corrected scores under Grading Policy. These exams test the advanced level skills taught during the registry portion of the program, as well as some knowledge that is comprehensive for the entire two years.

## **SPECIFIC COURSE INFORMATION**

### **TEXT AND MATERIALS**

Students are required to obtain the following:

1. Gary Persing. Respiratory Care Exam Review. 3rd Ed., (2010).
2. NBRC Clinical Simulations Examination Detailed Content Outline

### **EVALUATION METHODS**

1. Unit Examinations
2. Assignments
3. Class Participation
4. Final Examination

### **ATTENDANCE POLICY**

Regular attendance in RSPT 2131 is necessary to gain proficiency in clinical simulations. The student is required to make up any class work missed due to an absence. There are no excused absences. Please refer to the South Plains College General Catalog (2014-2015) for specific policies on classroom attendance. The advantages of attending every class and reading the text cannot be overemphasized.

### **ASSIGNMENT POLICY**

Students are expected to maintain a reading schedule at home to keep current with classroom discussions. Late assignments will not be accepted.

1. In order to practice for the clinical simulation exam, the student will complete 11 clinical simulation modules on the computers in the library or computer lab (827) in building 8. Grade reports for each exam must be printed to receive credit for completing the exam. Exams may be completed more than once to achieve the highest grade possible. Grade reports are due no later 4/23/15.

### **CLASS PARTICIPATION**

Students will receive a daily grade for class participation. Students will be able to drop one of their lowest class participation grades. A detailed grading rubric will be posted on Blackboard. The participation is determined by:

- Average in all categories 2.75-3.0 = 100%
- Average in all categories 2.25-2.74= 93%
- Average in all categories 1.75-2.24 = 85%
- Average in all categories 1.0-1.74 = 75%
- Average in all categories < 1.0= 50%

## UNIT EXAMS

Each unit exam will consist of a computerized clinical simulation. There will be a time limit on the exams. Details will be covered in class.

The following is the guideline for the adjusted score on unit exams:

Raw Score	Adjusted Score
90-100	100%
80-89	94%
70-79	88%
61-69	80%
55-60	75%
<55	Actual score

## FINAL EXAMINATION

The NBRC Clinical Simulation Exam (CSE)-SAE will be purchased from Applied Measurement Professionals from fees the students paid to SPC during registration this semester. The NBRC self-assessment examination will be administered under conditions similar to actual testing conditions. The testing date is Wednesday May 6<sup>th</sup> from 9:00 AM to 12:00 PM in Building 8, Room 823. There will be no make-up for the final examination.

The following is the guideline for the adjusted score for the CSE-SAE:

Raw Score	Adjusted Score
80-100	100%
70-79	90%
61-69	80%
55-60	75%
<55	Actual score

**GRADING POLICY** - Grades in this course will be determined using the following criteria:

Exams	20%
Assignments	20%
Class Participation	30%
Final Examination	30%

A = 90 - 100

B = 80 - 89

C = 75 - 79

F = <75

Make-up exams will not be given.

**Successful completion of this course requires:**

1. A final grade of 'C' (75%) or better

## COMMUNICATION POLICY

Electronic communication between instructor and students in this course will utilize the South Plains College “My SPC” and email systems. Instructor will not initiate communication using private email accounts. Students are encouraged to check SPC email on a regular basis.

The Respiratory Care Program has a Facebook page at <https://www.facebook.com/SouthPlainsCollegeRespiratoryCare> . In addition to the South Plains College website, this Facebook page will be used to keep students up-to-date on program activities, weather delays, South Plains College announcements and will help with program recruitment. “Liking” the Respiratory Care Program Facebook page is not mandatory, nor is personal Facebook accounts, in order to access this page.

If necessary, students may contact me on my personal cell phone between the hours 8:00 am-7:30 pm M-F. On the weekends/holidays, please do not contact me before 10:00 am and after 6:00 pm. If you need to reach me after the hours listed, please send an email to my SPC email.

## CELL PHONE, PAGERS, and OTHER ELECTRONIC DEVICES

Cell phones distract from the learning environment. For this reason, they should be turned off and put away out of view upon entering the classroom. If you must carry a pager or phone to class for emergency purposes, please see me in advance. If you bring a laptop to class, it should not be used for purposes other than taking notes in class. You may not record lectures in this class.

## CLASSROOM ETIQUETTE

Talking incessantly with your neighbor during lectures is not acceptable behavior. If you do talk repeatedly in class, I will ask you to leave the room. Please do not leave once class begins to get a snack, get a drink, or any other activity.

## CHANGES and AMENDMENTS TO SYLLABUS

The program director or clinical coordinator reserves the right to make reasonable changes to the syllabus at any time during the semester. If this occurs, the students will be notified and furnished a copy of all applicable changes or amendments.

## STUDENT CONDUCT

Students in this class are expected to abide by the standards of student conduct as defined in the SPC Student Guide pages 11-14.

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## COURSE OUTLINE

### Unit 1 Test Taking Skills

Cover NBRC Detailed Content Outline and new guidelines for exam

### Unit 2 Obstructive Diseases

Exam 1

### Unit 3 Trauma

Exam 2

### Unit 4 Neurological/Neuromuscular Diseases

Exam 3

### Unit 5 Cardiovascular

Exam 4

## Unit 6 Pediatric/Neonatal

Exam 5

## Unit 7 Adult Medical/Surgical

### Final Examination

CSE-SAE Examination

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## ACCOMMODATIONS

### DIVERSITY STATEMENT

In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

### DISABILITIES STATEMENT

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office through the Guidance and Counseling Centers at Reese Center (Building 8) [716-4606](tel:716-4606), or Levelland (Student Services Building) [716-2577](tel:716-2577).

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## FOUNDATION SKILLS

### BASIC SKILLS—Reads, Writes, Performs Arithmetic and Mathematical Operations, Listens and Speaks

- F-1 Reading—locates, understands, and interprets written information in prose and in documents such as manuals, graphs, and schedules.
- F-2 Writing—communicates thoughts, ideas, information and messages in writing and creates documents such as letters, directions, manuals, reports, graphs, and flow charts.
- F-3 Arithmetic—performs basic computations; uses basic numerical concepts such as whole numbers, etc.
- F-4 Mathematics—approaches practical problems by choosing appropriately from a variety of mathematical techniques.
- F-5 Listening—receives, attends to, interprets, and responds to verbal messages and other cues.
- F-6 Speaking—organizes ideas and communicates orally.

### THINKING SKILLS—Thinks Creatively, Makes Decisions, Solves Problems, Visualizes and Knows How to Learn and Reason

- F-7 Creative Thinking—generates new ideas.
- F-8 Decision-Making—specifies goals and constraints, generates alternatives, considers risks, evaluates and chooses best alternative.
- F-9 Problem Solving—recognizes problems, devises and implements plan of action.
- F-10 Seeing Things in the Mind's Eye—organizes and processes symbols, pictures, graphs, objects, and other information.
- F-11 Knowing How to Learn—uses efficient learning techniques to acquire and apply new knowledge and skills.
- F-12 Reasoning—discovers a rule or principle underlying the relationship between two or more objects and applies it when solving a problem.

### PERSONAL QUALITIES—Displays Responsibility, Self-Esteem, Sociability, Self-Management, Integrity and Honesty

- F-13 Responsibility—exerts a high level of effort and perseveres towards goal attainment.
- F-14 Self-Esteem—believes in own self-worth and maintains a positive view of self.

F-15 Sociability—demonstrates understanding, friendliness, adaptability, empathy and politeness in group settings.

F-16 Self-Management—assesses self accurately, sets personal goals, monitors progress and exhibits self-control.

F-17 Integrity/Honesty—chooses ethical courses of action.

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## SCANS COMPETENCIES

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C-1 **TIME** - Selects goal - relevant activities, ranks them, allocates time, prepares and follows schedules.

C-2 **MONEY** - Uses or prepares budgets, makes forecasts, keeps records and makes adjustments to meet objectives.

C-3 **MATERIALS AND FACILITIES** - Acquires, stores, allocates, and uses materials or space efficiently.

C-4 **HUMAN RESOURCES** - Assesses skills and distributes work accordingly, evaluates performances and provides feedback.

### **INFORMATION - Acquires and Uses Information**

C-5 Acquires and evaluates information.

C-6 Organizes and maintains information.

C-7 Interprets and communicates information.

C-8 Uses computers to process information.

### **INTERPERSONAL—Works With Others**

C-9 Participates as member of a team and contributes to group effort.

C-10 Teaches others new skills.

C-11 Serves Clients/Customers—works to satisfy customer’s expectations.

C-12 Exercises Leadership—communicates ideas to justify position, persuades and convinces others, responsibly challenges existing procedures and policies.

C-13 Negotiates—works toward agreements involving exchanges of resources; resolves divergent interests.

C-14 Works With Diversity—works well with men and women from diverse backgrounds.

### **SYSTEMS—Understands Complex Interrelationships**

C-15 Understands Systems—knows how social, organizational, and technological systems work and operates effectively with them.

C-16 Monitors and Corrects Performance—distinguishes trends, predicts impacts on system operations, diagnoses systems performance and corrects malfunctions.

C-17 Improves or Designs Systems—suggests modifications to existing systems and develops new or alternative systems to improve performance.

### **TECHNOLOGY—Works with a Variety of Technologies**

C-18 Selects Technology—chooses procedures, tools, or equipment, including computers and related technologies.

C-19 Applies Technology to Task—understands overall intent and proper procedures for setup and operation of equipment.

C-20 Maintains and Troubleshoots Equipment—prevents, identifies, or solves problems with equipment, including computers and other technologies.

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**RESPIRATORY CARE**  
**Course Agreement**  
**RSPT 2131.200**  
**SPRING 2015**

I have received a copy of the course syllabus for RSPT 2131.200. I have reviewed the syllabus, and understand the course format, course competencies, attendance policy, and examination system. I further understand my responsibilities and rights, as explained by the instructor and listed in the syllabus, and agree to all course requirements as stated in the course syllabus.

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Signature

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Date

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Printed Name