

Syllabus

Course Code: RESP 165

Title: Advanced Life Support and Emergency Care

Institute: Health Science

Department: Respiratory Care

Course Description: This course introduces the student to triage and the stabilization of patients with life threatening conditions and the procedures performed in the emergency department. Emphasis is placed on skills required to perform document a problem-oriented history and physical; formulate a differential diagnosis; order and interpret the tests necessary to confirm and rule out a primary diagnosis and educate the patient and family. The students will also be introduced to disaster preparedness and emergency management in unique environments.

Prerequisites: RESP 161 and RESP 162

Corequisites: RESP 163, RESP 164, AND BIOL 112

Prerequisites or corequisites:

Credits: 2

Lecture Hours: 2

Lab/Studio Hours:

Required Textbook/Materials:

1. Wilkins, Robert L., James Stoller, and Craig L. Scanlon. *Egan's Fundamentals of Respiratory Care*.
2. Gardenhire. *Rau's Respiratory Care Pharmacology and Workbook-VST E-BK8 ISBN 9780323075312*.
3. Wilkins, Robert L., James Stoller, and Craig L. Scanlon. *Clinical Assessment in Respiratory Care*. Mosby.
4. Cairo, J.M. Pilbeams, *Mechanical Ventilation: Physiological and Clinical Applications*. Mosby.

Additional Time Requirements: For information on Brookdale's policy on credit hour requirements and outside class student work refer to [Academic Credit Hour Policy](#).

(Identify open lab or other activities that are required if applicable)

Additional Support/Labs:

See <https://www.brookdalecc.edu/academic-tutoring/>

Course Learning Outcomes:

Upon completion of this course, students will be able to:

- Demonstrate leadership through multi-level thinking and providing options and alternatives in patient care or emergency services administration.
- Utilize tactical and strategic decision-making concepts in response to uncertainty and time constrained environments.
- Integrate the practice of ethics in cardiac arrest and peri-arrest emergencies.
- Evaluate research and current literature for application in the emergency medical care profession.
- Demonstrate knowledge in preparation for biological or natural disasters.

Course Content:

- Unit 1 – Managing Disasters: Respiratory Care in Mass Critical Care
 - & Emergency medicine in Special Situations.
- Unit 2 – Advanced Resuscitative Techniques and Monitoring.
- Unit 3 –Clinical Laboratory Studies.
- Unit 4 – Pulmonary Emergencies – Respiratory/ Heart Failure and NPPV.
- Unit 5 - Neurological Assessment and Sedation in emergency care.

Department Policies: Detailed descriptions of departmental policies are found in the student handbook.

Grading Standard: In addition to the Academic Progress Policy in the Brookdale Respiratory Therapy Student Handbook, the following policies apply to RESP 165.

1. Upon completion of the units, students will be given a written test based on the unit objectives. Unit grades will be determined as follows:

A	94-100
A-	90-93
B+	87-89
B	84-86
B-	81-83
C+	78-80
C	74-77
D	65-73
F	64 or below

2. The course grade will be derived as follows:

Unit exams	30%
Attendance	10%
Final	35%
Assignments	25%

3. All students are required to meet examination schedule requirements as stated on the course calendar. Unit examinations will be given in class. Any student who is unable to take the exam as scheduled must speak personally to the instructor prior to the exam.
4. Students have the opportunity to review completed exams by contacting the instructor.
5. All College Laboratory skills and all assignments must be completed on time and prior to taking the final examination.
6. Points will be deducted on late assignments.
7. The final examination is a comprehensive test covering all course competencies.
8. A grade of 74% is required to pass this course.
9. Students may review the final examination by appointment.
10. Each day an assignment is late, 1 point will be deducted.

College Policies:

As an academic institution, Brookdale facilitates the free exchange of ideas, upholds the virtues of civil discourse, and honors diverse perspectives informed by credible sources. Our College values all students and strives for inclusion and safety regardless of a student's disability, age, sex, gender identity, sexual orientation, race, ethnicity, country of origin, immigration status, religious affiliation, political orientation, socioeconomic standing, and veteran status. For additional information, support services, and engagement opportunities, please visit www.brookdalecc.edu/support.

For information regarding:

- Academic Integrity Code
- Student Conduct Code
- Student Grade Appeal Process

Please refer to the [Student Handbook](#) and [Catalog](#).

Notification for Students with Disabilities:

Brookdale Community College offers reasonable accommodations and/or services to persons with disabilities. Students with disabilities who wish to self-identify must contact the Accessibility Services Office at 732-224-2730 (voice) or 732-842-4211 (TTY) to provide appropriate documentation of the disability and request specific accommodations or services.

If a student qualifies, reasonable accommodations and/or services, which are appropriate for the college level and are recommended in the documentation, can be approved.

Mental Health:

24/7/365 Resources:

- Monmouth Medical Center Psychiatric Emergency Services at **(732) 923-6999**
- 2nd Floor Youth Helpline – Available to talk with you about any problem, distress, or hardship you are experiencing. Call or text at **888-222-2228** or visit the website at <https://www.2ndfloor.org/>

Faculty Counselors:

- Students who need to make an appointment with a faculty counselor can do so by calling 732-224-1822 (non-emergency line) during business hours. Faculty counselors are licensed mental health professionals who can assist students and refer them to other mental health resources.

Diversity Statement:

Brookdale Community College fosters an environment of inclusion and belonging. We promote a safe and open culture, encourage dialogue respecting diverse perspectives informed by credible sources, and uphold the virtues of civil discourse. We celebrate all identities with the understanding that ultimately, diversity, equity, and inclusion cultivate belonging and make us a stronger Brookdale community.

**The syllabus is intended to give student guidance in what may be covered during the semester and will be followed as closely as possible. However, the faculty member reserves the right to modify, supplement, and make changes as the need arise.*