RSPT 2361 Clinical/ Respiratory Care

INSTRUCTOR CONTACT INFORMATION

Instructor: Stacey Hall

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Office Phone: 409-247-4838

Office Location: Gateway 3871 Stagg Dr. #194- Office # 107

Office Hours: Posted in Starfish and outside of office door

CREDIT

3) Semester Credit Hours (0 hours lecture, 18 hours lab)

MODE OF INSTRUCTION

Face to face

PREREQUISITE/CO-REQUISITE:

Prerequisite: RSPT 1201, RSPT 1213, RSPT 1240, RSPT 1310, RSPT 1325, RSPT 1160, RSPT 2414, RSPT 1311, RSPT 1360, RSPT 1461,
Co-requisite: RSPT 2325, RSPT 2255, RSPT 2210

COURSE DESCRIPTION

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

COURSE OBJECTIVES

Upon completion of this course, the student will be able to

As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

- Use of specialized materials and tools.
- Explains while demonstrating equipment procedures
- Maintains patient confidentiality by practicing regulations, laws and HIPPA standards
- Concentrates on supplies text book learning plans, the theory, concepts and skills that are involved with the safety practices through information from the chart and patient history by using the necessary precautions on ALL patients
- Works as a team member

- Demonstrates appropriate written and verbal communication skills by using the correct terminology of the medical profession
- Perform and demonstrate competency of the following procedures:
  Heated high flow nasal cannula set up, heated high flow nasal cannula system check, Non-Invasive vent Check, Non- Invasive vent setup, Spontaneous breathing trial, Spontaneous pulmonary Mechanics, Vent System Check)

- Obtain the PALS credential

Course Outline

Competencies required for completion of this course.

A. Floor- Heated high flow nasal cannula setup
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

B. Floor- Heated high flow nasal cannula system check
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

C. Non-invasive Vent check
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

D. Non- Invasive Vent Setup
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

E. Spontaneous breathing trial.
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

F. Spontaneous Pulmonary Mechanics
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

G. Vent Setup
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

H. Vent System Check
1. Preliminary steps
2. Patient Interaction and Equipment Preparation
3. Implementation of Procedure
4. Patient evaluation and termination of Procedure.
5. Document and Record
6. Satisfactory perform procedure. (Perform procedure accurately or be able to correct performance without injury to patient or decreasing effect of therapy given.

REQUIRED TEXTBOOK AND MATERIALS
A. Scrubs (royal Blue)

B. Lab Coat (white)

C. watch with second hand

D. goggles

E. Scissors

F. Stethoscope and pulse ox

G. Black pens

H. Calculator

I. Name badge (displayed at all times during clinics)

J. LIT Patch (on the left shoulder)

K. Tokens for modules- www.ketteringseminars.com

L. Trajecsys access

M. Current Healthcare Provider Certification- CPR

N. Notebook

O. Dana Oaks pocket guide for Respiratory Care (ISBN # 978-1-61669-785-3

P. Pediatric Advance Life Support.

Book is only obtained via the American Heart Association. https://shop.aha.channing-bete.com ISBN 978-1-61669-785-3

Competency in all procedures in Course Outline.

A. Modules: (www.ketteringseminars.com) – must email the grade sheet prior to noon by Friday to smhall@lit.edu.. Under CSE section; Cardiac 1,2,3,4,5,6 General Med: 1,2,3,4
B. 20 Physician Contact points.

ATTENDANCE POLICY
1. As outlined in the Respiratory Care Handbook.

2. Two allowed absences (two - 8-hour shifts)

3. Two absences are allowed without makeup. If you used your allowed number of days, you will attend clinic the last week.

4. If a student has perfect attendance they may take the last two days of clinics off as long as all the coursework is completed and submitted prior these days being taken off.

5. You are allowed 2 two – 1 one-hour absences for Post Conference) As Outlined in the Respiratory Care Handbook.

6. You must clock in when you arrive at clinical site and you must clock out on departure for the clinical site (within the Trajecsys System) this is **mandatory**.

7. You must complete an activity log each day prior to leaving clinical site (within the Tracjecsys System) this is **mandatory**.

8. You must log physician contact each day prior to leaving clinical site (within the Tracjecsys system) this is **mandatory**.

9. You must View your clinical evaluations (from your clinical instructor) weekly.

10. You must submit and external rotation sheets to clinical sites to smhall@lit.edu prior to Friday of the week you attended a special rotation

According to LIT policy: It is the student's responsibility to familiarize his or herself with the LIT Student Handbook and the Respiratory Care program student handbook.

Violation of the policies listed in the LIT Student Handbook and/or the Respiratory Care program student handbook will result in appropriate action being taken.

Students are to follow the absenteeism policy for each course as defined in the course syllabi: Attendance is expected. Students are allowed 2 absences per semester, with or without a Dr.'s excuse. Each absence in excess of the 2 allotted absences will result in a 10% reduction, per absence, in the student's final class grade. Example: 3 absences = 10% reduction in final class grade, 4 absences = 20% reduction in final class grade, etc. Deductions as a result of excessive absences, will be applied to the student's final class grade at the end of the semester. If absences seriously interfere with performance, the instructor may recommend, to the Department Chair, that the student be dropped form the course.

Absences resulting from extenuating circumstances will be evaluated by the program Director and/or Director of Clinical Education on a case by case basis. Proper documentation will be required to demonstrate the nature of the extenuating circumstance.

Examples of extenuating circumstances, and documentation, include:

-Hospitalization of an immediate family member (Hospital/Physician documentation must be provided)

-Death of an immediate family member (Memorial Pamphlet must be provided)

If the policy is not followed the student may enter into a Level I or II offense as defined in the Code of Conduct and Disciplinary Policy. All approved excessive absences within the clinical setting will be made up after completion of the final clinical day. The date and time for makeup will be arranged by the Director of Clinical Education. It is the student's responsibility to notify and provide documentation to the Director of Clinical Education for each absence over the number allowed.

If you are rotating thru a facility for a special rotation you are to have the manager/ therapist/staff member to sign verifying the date with time in and time out. Falsification of records is a Level III Offense. You are expected to adhere to your scheduled clinical rotation start and stop times.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified drop date as listed on the [Academic Calendar](#). If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

STUDENT EXPECTED TIME REQUIREMENT

For every hour in class (or unit of credit), students should expect to spend at least two to three hours per week studying and completing assignments. For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week outside of class in a 16-week session OR approximately twelve to eighteen hours in an 8-week session. Online/Hybrid students should expect to spend at least as much time in this course as in the traditional, face-to-face class.

COURSE CALENDAR

DATE	TOPIC	READINGS (Due on this Date)	ASSIGNMENTS Due by Noon on Fridays of this week.
Week 1	Assignment daily according to clinical instructor		
Week 2	Assignment daily according to clinical instructor		
Week 3	Assignment daily according to clinical instructor		
Week 4	Assignment daily according to clinical instructor		CSE: cardiac 1 ,2
Week 5	Assignment daily according to clinical instructor		
Week 6	Assignment daily according to clinical instructor		CSE Cardiac 3 ,4
Week 7	Assignment daily according to clinical instructor		
Week 8	Assignment daily according to clinical instructor		CSE: Cardiac 5,6
Week 9	Assignment daily according to clinical instructor		
Week 10	Assignment daily according to clinical instructor		CSE General Med 1,2
Week 11	Assignment daily according to clinical instructor		

Week 12	Assignment daily according to clinical instructor		CSE General Med 3, 4
Week 13	Assignment daily according to clinical instructor		
Week 14	Assignment daily according to clinical instructor		
Week 15	Assignment daily according to clinical instructor		
Week 16	Assignment daily according to clinical instructor		

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

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Clinical evaluation	45%
Modules:	5%
Final Exam	25 %
Physician contact: (20 points)	5%
Case Presentation	20%

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GRADING SCALE
A = 90 -100
B = 80 - 89
C = 70-79
D = 60-69
F = less than 60

LIT does not use +/- grading scales

ACADEMIC DISHONESTY
Students found to be committing academic dishonesty (cheating, plagiarism, or collusion) may receive disciplinary action. Students need to familiarize themselves with the institution's Academic Dishonesty Policy available in the Student Catalog & Handbook at http://catalog.lit.edu/content.php?catoid=3&navoid=80#academic-dishonesty.

TECHNICAL REQUIREMENTS
The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at https://lit.edu/online-learning/online-learning-minimum-

[computer-requirements](). A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT
The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email [specialpopulations@lit.edu](). You may also visit the online resource at [Special Populations - Lamar Institute of Technology (lit.edu)]().

STUDENT CODE OF CONDUCT STATEMENT
It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at [www.lit.edu](). Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

AI Statement
Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI / ChatGPT in their courses.

STARFISH
LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

This course requires 18 hours per week in the assigned clinical facility. Daily assignments are distributed by the clinical instructor.