

Midland College
Syllabus
RSPT 1160
Clinical III
(0-0-6)

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Course Description:

This course is a method of instruction providing detailed education, training and work based experience and direct patient/client care, generally at a clinical site. Specific detailed learning objectives are developed for each course. On site clinical instruction, supervision, evaluation and placement is the responsibility of the college faculty.
Prerequisite: RSPT 1360

Text, References, and Supplies:

Dataarc.ws clinical software

Kacmarek, C. L., Stoller, J. K. & Heuer A. J., Egan's Fundamentals of Respiratory Care (11th). St. Louis, Missouri: Elsevier. (2017)

American Heart Association, Neonatal Resuscitation, 7th ed., American Academy of Pediatrics, 2016

Madama, Pulmonary Function Testing and Cardiopulmonary Stress Testing. 2nd edition. Albany. Delmar Publishers. 1998

Colbert, Integrated Cardiopulmonary Pharmacology. 2nd edition. Upper Saddle River, NJ, Prentice Hall 2008

Butler, T.J., Laboratory Exercises for Competency in Respiratory Care (2nd). Philadelphia, Pa. F.A. Davis (2009)

Course Goals/ Objectives:

Upon successful completion of the course the student will:

1. explain intubation criteria
2. explain mechanical ventilation criteria
3. perform endotracheal intubation
4. perform mechanical ventilation
5. record patient parameters
6. record ventilator parameters
7. assess ventilator patient
8. describe CPAP
9. describe IMV
10. describe SIMV
11. describe optimum PEEP
12. describe optimum tidal volume
13. transport ventilator patient
14. demonstrate arterial puncture
15. demonstrate arterial line use
16. analyze blood gases
17. interpret blood gas results
18. describe blood gas QC

19. perform basic spirometry
20. analyze PFT results
21. complete competency evaluations
22. present case study
23. submit 11 abstracts

Student Contributions and

Each student will spend at least 6 hours per week preparing for class. Attendance is critical in this class.

Class Policies:

All clinical performance and behavior is considered academic.

Evaluation of Students:

A.	Tasks completed/competency evaluations	70%
B.	Abstracts/Verified Log Entries	10%
C.	Behavior (Daily Evaluations)	10%
D.	Case Study	<u>10%</u>
	Total	100%

Course Schedule:

The clinical will meet on Tuesday and Thursday from 0615 to 1345

- A. A tardy results from being more than fifteen (15) minutes but not more than thirty (30) minutes late for the start of the shift. The student should be there in time to receive report. An absence results from being more than thirty minutes late or leaving the clinical facility without proper authorization from the clinical instructor or not attending clinical at all. After using the allowed absence (8 hrs.), the equivalent percentage of final grade reduction is as follows:

After using the allowed absence the equivalent percentage of final grade reduction is as follows:

<u>Deduction</u>	<u>Data Arc Hours</u>
No deduction	52.5 +
10% deduction	45 – 52.4
20% deduction	37.5 – 44.9
30% deduction	≤ 37.4

Students are not required to use the one allowed absence and are strongly encouraged to use it judiciously and toward the end of the semester, if possible, in case extenuating circumstances should arise. Extenuating circumstances should be brought to the attention of the faculty as soon as possible.

******* The student is responsible for notifying the clinical site and clinical instructor if the student is going to be absent.**

The Americans With Disabilities Act (ADA) and Section 504 of the Rehabilitation Act require that no otherwise qualified person with a disability be denied access to, or the benefits of, or be subjected to discrimination of any program or activity provided by an institution or entity receiving federal financial assistance. It is this Section 504 mandate that has promoted the development of disability support service programs in colleges and universities across the country. Sub-part E of Section 504 deals specifically with this mandate for institutions of higher education.

While it does not require development of special educational programming, for students with disabilities, it does require that an institution (public or private) be prepared to make appropriate academic adjustments and reasonable accommodations to allow the full participation of students with disabilities in the same programs and activities available to non-disabled students. Disabilities may include things such as physical/mobility problems such as paralysis or academic problems like learning disabilities. Some examples of accommodations are extra time for tests, testing in a quiet location, and providing architectural access to buildings.

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

Licensure Eligibility Notification

Completion of Midland College degrees and/or certificates does not guarantee eligibility to take a certification/registry/licensure examination. The eligibility of each person is determined on an individual basis by the regulatory body of the specific discipline. If you have a conviction of a crime other than a minor traffic violation, physical or mental disability/illness, hospitalization/treatment for chemical dependency within the past five years, current intemperate use of drugs or alcohol or a previous denial of a licensure or action by a licensing authority, you will need to contact the specific regulatory body for an individual ruling. Some programs require a criminal background check and urine and drug screen.

Non Discrimination Statement: Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies:

Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu;

Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. For further information on notice of non-discrimination, visit <http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm> or call 1 (800) 421-3481.

Spanish

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias:

Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu;

Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. Para más información sobre estas políticas no discriminatorias , visite <http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm> o llame al 1 (800) 421-3481.

Behavior in the Clinical Agency

Students are expected to observe the following guidelines for behavior in the clinical agency:

- Students are to adhere to the guidelines outlined by the agency during orientation.
- Students may not bring children to the clinical agency at any time.
- Students are to park in designated areas only.
- Students should be in the clinical agency only when supervised or with the permission of their instructor. In those instances, students should adhere strictly to agency guidelines in terms of chart review, cell phone usage, visiting with patient and proper attire.
- Students may not use cell phones in the clinical setting.
- Pager/beepers, if used, must be set on silence during clinical.
- Students are subject to all policies regarding drugs, alcohol and criminal background checks of assigned clinical facilities, including drug screening prior to starting a clinical rotation, random drug testing, and background checks.

In general, it is expected that students remain at the clinical agency/organization/facility for the entire time period assigned. Students should not expect to run personal errands or otherwise leave the clinical site during scheduled meal times or breaks. Emergency requests are granted at the discretion of the instructor and no student shall leave the clinical site without instructor approval prior to leaving.

SAFETY TRAINING:

Students receive annual preclinical training in the following: Blood and air borne pathogens, electrical safety, back safety, hazardous chemicals, latex allergies, fire and disaster procedures, security and personal safety procedures and safety requirements of clinical facilities. Students will provide documentation of current CPR, immunizations, and health status

Division
Information:

Division Dean: Dr. Carmen Edwards, DNP, MSN, RN

Secretary Names: Karen Harris, CPS

Division Office Location: 206 DFHS

Telephone:, 685-4799

Program Chair, Bob Weidmann, M.Ed., RRT, RPFT, RRT-NPS, RCP

Program Office Location: AMS A34

Program Telephone: 685-5549

Students are encouraged to contact the instructor at any time; however, making an appointment will guarantee the instructor's availability at a specific time.

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Clinical III

Student _____

Final Grade _____

70% Competencies _____

10% Participation _____

10% Behavior _____

10% Case Studies _____

Total _____

CPR expire. _____

Participation (10%)

____ Abstracts 4

____ Abst state 7

____ Verified Daily Logs 8

Case Study (10%)

____ #1

Daily Evaluations (10%)

____ average

Competencies

Patient Data (6)

Chest Assessment (2)

Patient Assessment (2)

X-ray Interpretation (2)

Suction Procedures (3)

Endotracheal Suctioning

Nasotracheal Suctioning

Tracheal Suctioning

Inline Suctioning (2)

Oxygen Therapy (6)

Nasal Cannula (3)

Simple Mask

Partial Rebreather

Non-Rebreather (1)

Air Entrainment Mask (1)

Pulse Oximetry (3)

High Flow Nasal Cannula/Vapotherm

Transport with Oxygen

Endotracheal tube/Tracheostomy Care (5)

Securing Artificial Airway

Tracheostomy Care (1)

Heat/Moisture Exchanger (3)

Intubation

Extubation

Cuff Management

Aerosol/Humidity Therapy (2)

Face Tent

Face Mask

Trach Collar

T-Piece

Ultrasonic Nebulizer

Humidifier (under Generic)

Ventilator Care (4)

Ventilator Setup

Routine Ventilator Check (3)

Ventilator Parameter Change

Ventilator Graphics Analysis

Capnography

Aerosol Drug Administration (3)

Metered Dose Inhaler/Inline MDI

Dry Powder Inhaler

Small Volume Nebulizer/Inline SVN (3)

Weaning from Mechanical Ventilation (1)

Weaning Parameters

Weaning

Hyperinflation Therapy (1)

Incentive Spirometry

IPPB

Noninvasive Positive Pressure Ventilation (1)

Noninvasive Ventilator Setup

Noninvasive Ventilator Check

Patient Transports (1)

Manual ventilation During Transport

Transport Ventilation Setup

Bronchial Hygiene (2)

Chest Physiotherapy

Coughing

Breathing Exercises

Mucous Clearance Adjuncts

MetaNeb

Intrapulmonary Percussive Ventilation

Resuscitation (1)

Setup and Ventilation via ET tube

Setup and Ventilation via Mask

Adult/Pedi CPR Airway and Ventilation

Adult/Pedi CPR Compressions

ICU Performance Level (1)

1/3 FTE

Physician Contact (8)

8 points

Pulmonary Diagnostics (6)

Peak flow (1)

Bedside Spirometry

Spirometry (1)

N₂ Washout/He dilution

Diffusion Study

Plethysmography (1)

PFT Quality Assurance

ABG sampling (1)

ABG analysis (1)

ABG analyzer QA

Art-line Sampling

Total _____/51 competencies; Percentage ____ X 70 = ____

To get credit the competency must be graded as satisfactory.

Competencies may come from Adult or Pedi floor areas.

Minimum and Maximum Requirements:

Example: (only 2) is the maximum credit for that item

Example: (x2) is the minimum to get credit for that item

If there is no designation it will count toward the total for the category (listed in parenthesis in the heading)