

Dakota College at Bottineau Course Syllabus

Course Prefix/Number/Title: EMS 215 – Airway Management

Number of credits: 2 credit

Course Description: This course provides the paramedic student with critical airway management skills that will be the most critical steps in the initial assessment of every patient. The student will be proficient in both basic and advanced airway maneuvers, equipment and skills. This course consists of 4 four-hour lectures and 4 eight-hour lab sessions which include low fidelity endotracheal intubations, ventilations and supraglottic airway placements prior to the start of the operating room portion of EMS 240.

Pre-/Co-requisites: None.

Course Objectives: To integrate didactic and psychomotor skills to teach the student basic and advanced airway techniques set in the EMS standard instructional guidelines. To integrate comprehensive knowledge of anatomy, physiology, and pathophysiology into the assessment to develop and implement a treatment plan with the goal of ensuring a patent airway, adequate mechanical ventilation and respiration for patients of all ages.

Instructor: Wayne Fahy and Mary Jund

Office: 1900 8th Ave SE Minot ND

Office Hours: By appointment.

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Lecture/Lab Schedule: Mondays and Thursdays from 6:15-10:15 pm/Lab (2) Saturday and (2) Sunday from 8:00 am to 5:00 pm. See class schedule.

Textbook(s): Bledsoe, B., Cherry, R., Porter, R. (2017). Paramedic Care Principles and Practice Volumes 1-5, 5th Edition. Hoboken, NJ: Brady Books.

Course Requirements: Students will be required to attend class and complete assignments in MyBradyLab and exams in EMStesting on time. Final exams will be worth 40%, additional tests 20%, quizzes 20%, homework 10% and affective behavior 10%. Lab will be graded on a pass/fail system with a passing grade received when all required skills are completed with appropriate, supervised technique. Students will also be required to pass skill sheets and scenario skills sessions per portfolio requirements (where applicable).

Tentative Course Outline: Paramedic Care Principles and Practice, 5th Edition. Vol. 1, Ch. 15.

TOPIC-CLASSROOM

Airway Management and Ventilation

READING

Ch. 15

TOPIC-LAB

Direct Orotracheal Intubation - Adult – Skill Lab
Direct Orotracheal Intubation - Pediatric – Skill Lab
Nasotracheal Intubation Adult – Skill Lab
Needle Cricothyrotomy (Percutaneous Translaryngeal Ventilation – Skill Lab
Pleural Decompression (Needle Thoracostomy) – Skill Lab
CPAP - PEEP – Skill Lab
Supraglottic Airway Device – Skill Lab

Course objectives details to be covered according to the EMS National Standards instructional guidelines.

General Education Goals/Objectives: Not identified as a general education course.

Relationship to Campus Theme: The goal of the Paramedic (EMT) program is to prepare professionals to work in the emergency medical services industry. The Paramedic program is committed to a hands-on learning environment and uses field experiences in emergency medical services as common instructional techniques.

Classroom Policies: Dakota College at Bottineau-paramedic program guide.

Student Email Policy: Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rest with the student.

Academic Integrity: The academic community is operated on the basis of honesty, integrity and fair play. Occasionally, this trust is violated when cheating occurs, either inadvertently or deliberately this code will serve as the guideline for case where cheating, plagiarism or academic improprieties have occurred.

1. The primary responsibility of the students, faculty and administration is to create an atmosphere where the honesty of individuals will not be questioned.
 - a. Faculty members are responsible for providing guidelines concerning cheating and plagiarism at the beginning of each course, and should use precautionary measures and security in cases where cheating is likely to occur.
 - b. Students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred.

View the [Plagiarism Tutorial-Pearson Education](http://wps.prenhall.com/hss_understand_plagiarism_1/6/1668/427064.cw/index.html) to learn more about plagiarism, citing sources, etc. (http://wps.prenhall.com/hss_understand_plagiarism_1/6/1668/427064.cw/index.html)

Disabilities and Special Needs: Please inform the instructor within the first week of classes if any assistance is required due to disabilities or special needs. You may contact the Learning Center (228-5479 or 1-888-918-5623) to request disability support services.