

Dakota College at Bottineau Course Syllabus

Course Prefix/Number/Title: EMS 213 - Pre-hospital Pharmacology IV

Number of credits: 2 credits

Course Description: This course introduces the paramedic student to specific medications used in the pre-hospital setting that are focused on medical emergencies, mechanism of action, indications, contraindications, dosing and correct administration are discussed in this class.

Pre-/Co-requisites: Pharmacology I EMS 210/Pharmacology II EMS 211/Pharmacology III EMS 212

Course Objectives: To integrate complex knowledge of medications associated with medical emergencies. To understand indications, contraindications, side effects, and dosage of emergency medications for patients of all ages.

Teaching-learning methods in this course may include, but are not limited to, assigned readings, independent studies, presentations, discussion, critical thinking exercises, labs and class activities.

Instructor: Wayne Fahy and Mary Jund

Office: 1900 8th Ave SE Minot ND

Office Hours: By appointment.

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Mary Jund---mary.jund@dakotacollege.edu

Lecture/Lab Schedule: Mondays and Thursdays from 6:15 – 10:15 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 work 40%, additional, tests 20%, quizzes 20%, homework 10% and affective behavior 10%. Students will also be required to pass skill sheets and scenario skills sessions per portfolio requirements (where applicable).

Tentative Course Outline: Prehospital Emergency Pharmacology 7th Edition, Vol. 1, Ch. 13. Other materials provided by instructors.

TOPIC – CLASSROOM

Medications Used in the Treatment of Metabolic-Endocrine Emergencies
Medications Used in the Treatment of Neurological Emergencies
Medications Used in the Treatment of Obstetrical/Gynecological Emergencies
Medications used in Toxicological Emergencies
Medications used in the Treatment of Behavioral Emergencies
Medications Used in the Treatment of Gastrointestinal Emergencies

Sedation and Pain Management
Weapons of Mass Destruction

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: See Dakota College at Bottineau - paramedic program guide.

Student Email Policy: Dakota College at Bottineau is increasingly dependent on 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.