

## Dakota College at Bottineau Course Syllabus

**Course Prefix/Number/Title:** HPER 220 – Emergency Medical Technician I

**Number of credits:** 4 Semester Credits

**Course Description:**

The curriculum covers the required knowledge and skills to pass the National Registry of Emergency Medical Technicians exam and allows for licensure at state and national level to practice as an Emergency Medical Technician- Basic in North Dakota.

**Pre-/Co-requisites:**

Students must meet the criteria of the student qualifications set forth by the Department of Emergency Medical Services and the National Registry of Emergency Medical Technicians listed below.

**Course Objectives:**

- 1) Describe the roles of EMS in the health care system.
- 2) Demonstrate the professional attributes expected of EMTs
- 3) Perform the roles and responsibilities of an EMT with regard to personal safety and wellness, as well as the safety of others
- 4) Perform the duties of an EMT with regard for medical-legal and ethical issues, including functioning under medical direction and within the scope of practice.
- 5) Apply principles of anatomy, physiology, pathophysiology, life span development, and therapeutic communications to the assessment and management of patients.
- 6) Identify the need for and perform immediate lifesaving interventions to manage a patient's airway, breathing, and circulation.
- 7) Assess and manage patients of all ages with a variety of complaints, medical conditions, and traumatic injuries.
- 8) Apply principles of emergency medical services operations, including considerations in ambulance and air medical transportation, multiple-casualty incidents, gaining access to and extricating patients, hazardous materials incidents, and responding to situations involving weapons of mass destruction.

**Instructor:** Katie Saykally, NREMT AEMT, ND IC

**Office:** Off campus, Bottineau Ambulance Bay 323 Bennett St, Bottineau

**Office Hours:** By appointment

**Phone:** 612-875-1085 – cell phone  
701-228-6901 – Ambulance Bay

**Email:** [ksaykally@basbotno.com](mailto:ksaykally@basbotno.com); [katie.saykally@ndus.edu](mailto:katie.saykally@ndus.edu)

**Lecture Schedule:** 6:30 – 10:00 pm on Tu/Th in Nelson Science Center Room 105

**Lab Schedule:** 10:00 am – 2:00 pm scheduled Saturdays in Nelson Science Center Room 105

**Textbook(s):** Emergency Care and Transportation of the Sick and Injured, 11<sup>th</sup> Edition (required)  
ISBN: 9781284110524

Other costs: Students are expected to dress professionally and appropriately for ride alongs and patient contacts. Students will need to pay to register for the written National Registry exam.

**Course Requirements:**

Student Qualifications:

- 1) The student must be at least 18 years of age in order to become Nationally Registered. The student may take the EMT course and become State Certified if under 18 years of age and at least 16 at the time of testing. The State Certified EMT must become Nationally Registered after their 18<sup>th</sup> birthday.
- 2) If the student has been charged or convicted of a felony, prior approval must be obtained from DEMS to admit the student to class. Please contact DEMS for further information.
  - a. All students and ND EMS personnel must adhere to the National Registry Felony Policy in addition to DEMS policy in order to be eligible or maintain National Registry Certification. **See instructor if you have any questions or would like to read this policy.**
- 3) An EMS Registration form **MUST BE COMPLETED** as soon as the student begins the class. DEMS will assign a 6-digit state identification number to the student once registration is received.
- 4) A student must meet the physical requirements of being an EMT and be able to perform all skills required.
- 5) The student must be able to attend all classes as scheduled by the course coordinator.
- 6) The student must be able to read and write the English language and communicate effectively.
- 7) Any test result, cognitive or practical, is valid for a period of 12 months from the date of successful completion of the exam.
- 8) A candidate has 2 years from the date of course completion to complete all testing requirements. After this deadline has occurred, the candidate will be required to attend another entire course.

Grading is based on a standard college curve, where students earn a grade based upon the percent of total possible points they obtain. Although subject to slight modification based on the discretion of the instructor, the lecture component of this course will consist of approximately 700 points (daily participation/attendance worth 50 points, 5 lecture exams worth 100 points each, and one final exam worth 150 points). Lecture points are added to laboratory points (approximately 250 points) to obtain the total points possible for the course (approximately 950). (Note: Regardless of the number of points, lecture points will comprise 75% of the total points and lab points will comprise 25% of the total points.) There is a one week grace period to make up any missed exam or assignment. Any missed exam/work not made up within the allotted time will be given a zero. It is the responsibility of the student to schedule make-up work during a date and time convenient to both student and instructor. Students must maintain a minimum grade of 70.0% on coursework (not an average of 70.0 %) to be able to test for national registry. Final letter grades are assigned based on the following criteria:

A =	90.0-100% of the total points
B =	80.0 - <90.0% of the total points
C =	70.0 - <80.0% of the total points
D =	60.0 - <70.0% of the total points
F =	<60.0% of the total points

**Tentative Lecture Outline:**

<u>Date</u>	<u>Topic</u>	<u>Reading</u>
8/27	Syllabus Review and Paperwork	None
8/29	Preparatory Section	Ch 1-4
9/3	CPR, AED, First Aid	Ch 11 BLS Resuscitation
9/5	BLS Resuscitation and Shock	Ch 10 Shock
9/10	Anatomy Review	Ch 5, 6
9/12	Exam 1	None
9/17	Patient Assessment	Ch 8
9/19	Pharmacology Overview	Ch 7
9/24	Airway Management	Ch 9
9/26	Airway Management	None
10/1	Exam 2	None
10/3	Medical Overview	Ch 12
10/8	Respiratory Emergencies	Ch 13
10/10	Respiratory Emergencies	None
10/15	Cardiovascular Emergencies	Ch 14
10/17	Cardiovascular Emergencies	None
10/22	Neurologic Emergencies	Ch 15
10/24	Exam 3	None
10/29	GI and Urologic Emergencies	Ch 16
10/31	GI and Urologic Emergencies	None
11/5	Endocrine and Hematologic Emergencies	Ch 17
11/7	Exam 4	None
11/12	Immunologic Emergencies	Ch 18
11/14	Immunologic Emergencies	None
11/19	Toxicology	Ch 19
11/21	Toxicology	None
11/26	Psychiatric Emergencies	Ch 20
11/28	No Class- Thanksgiving	None
12/3	Gynecologic Emergencies	Ch 21
12/5	Gynecologic Emergencies	None
12/10	Exam 5	None
12/12	Documentation	None
12/17	Final Review	None
12/19	Final Exam	

**Tentative Lab Outline:**

<u>Date</u>	<u>Topic</u>
9/21	Cardiac Arrest and Airway Management
9/28	Cardiac Arrest and Airway Management
10/12	Medical Assessment
10/26	Medical Assessment
11/9	BVM Ventilation
11/23	BVM Ventilation
12/7	Review All

**General Education Goals/Objectives:**

None

**Objectives:**

- 1) To learn and retain information necessary to make clinical field decisions to provide emergency care.
- 2) Practice sound, safe and empathetic patient care skills.
- 3) Demonstrate the ability to use problem solving skills and critical thinking skills to solve changing and adapting problems in the field and in an ambulance.

**Relationship to Campus Theme:**

This course addresses the campus theme by incorporating the latest diagnostic procedures, treatments, and other technologies that are used to identify and treat human diseases and disorders.

**Classroom Policies:**

- 1) Attendance is required and student participation is expected.
- 2) Food and beverages are permitted in accordance with classroom policy.
- 3) Be respectful of other students, technicians, instructors, and guests.
- 4) Cell phones or other electronic devices are not allowed.

**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 rests with the student.

**Academic Integrity:**

All students are expected to adhere to the highest standards of academic integrity. Dishonesty in the classroom or laboratory and with assignments, quizzes and exams is a serious offense and is subject to disciplinary action by the instructor and college administration. For more information, refer to the Student Handbook.

**Disabilities and Special Needs:**

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact your instructor and Disability Support Services in Thatcher 2213 or by phone (701-228-5672) as early as possible during the beginning of the semester. Tutoring services are also available in the Student Success Center (Thatcher 1104).