

## 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.

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

Jess Swanson, NREMT AEMT

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

**Office Hours:** By appointment

**Phone:** 612-875-1085 – Katie, 406-214-9801 - Jess

701-228-6901 – Ambulance Bay

**Email:** [ksaykally@basbotno.com](mailto:ksaykally@basbotno.com); [katie.saykally@ndus.edu](mailto:katie.saykally@ndus.edu); [sperry406@gmail.com](mailto:sperry406@gmail.com)

**Lecture Schedule:** 6:30 – 8:30 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 or 323 Bennett St, Bottineau

**Textbook(s):** Emergency Care and Transportation of the Sick and Injured, 12<sup>th</sup> Edition (**required**)

ISBN: 9781284243796 with online Advantage access.

Recommended: Student workbook accompanying the text.

**Required:** Fisdap Account with the Whole Shebang Package ISBN: 9781284131956

Students will also be required to maintain a portfolio of skills and certificates of completion for other additional course components (i.e., ICS courses, CPR license, etc.)

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 and in class quizzes worth 250 points, 3 lecture exams worth 100 points each, and one final exam worth 150 points). Lecture points are added to laboratory points (approximately 250points) 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>
8/23	Syllabus Review and Paperwork	None
8/30	CPR	Ch 14
9/1	Lab Night: AED, Lucas, Vital Signs, etc.	None
9/6	Anatomy, Physiology, and Development	Ch 6, 7
9/8	Medical Terminology and Pharmacology	Ch 5, 12
9/13	EMS Systems and Workforce Wellness	Ch 1, 2, 8
9/15	Lab Night: Cot, Stair Chair, KED, etc.	None
9/20	Team Approach	Ch 9
9/22	Legal Issues and Documentation	Ch 3, 4
9/27	Patient Assessment Part 1	Ch 10
9/29	Patient Assessment Part 2	Ch 10
10/4	Lab Night: Patient Assessment	None
10/6	Exam 1	None
10/11	Airway Management	Ch 11
10/13	Respiratory Emergencies	Ch 16

10/18	Lab Night: Airway	None
10/20	Fisdap Airway Exam	None
10/25	Trauma Overview	Ch 13, 25, 26, 27
10/27	Lab Night: IV Set up, Epi Pen, Glucometer	None
11/1	Face, Neck, Head, and Spine Injuries	Ch 28, 29
11/3	Chest and Abdominal Injuries	Ch 30, 31
11/8	Orthopaedic Injuries	Ch 32
11/10	Lab Night: Bleeding/Wounds/Shock	None
11/15	No Class, Veterans Day	None
11/17	Environmental Emergencies	Ch 33
11/22	Lab Night: Scenario Based Assessment Trauma	None
11/24	No Class- Thanksgiving	None
11/29	Lab Night: Scenario Based Assessment Trauma	None
12/1	Skills Review	None
12/6	Fisdap Trauma Exam	None
12/8	Airway Retest Night/Trauma Retest	None

**Tentative Lab Outline:**

<u>Date</u>	<u>Topic</u>
9/10	CPR/Lucas/12 lead
9/17	CPR/Lucas/12 lead
10/8	BVM, O2 Administration, CPAP, Nebulized Medications, Airway
10/15	BVM, O2 Administration, CPAP, Nebulized Medications, Airway
11/12	Bleeding control, Joint Immobilization, Long Bone Immobilization, Spinal Restriction, Epinephrine Administration, IV Maintenance
11/19	Bleeding control, Joint Immobilization, Long Bone Immobilization, Spinal Restriction, Epinephrine Administration, IV Maintenance
12/3	Trauma Assessment
12/10	Trauma Assessment

**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 Jackie Migler 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).