

EMT 2500
Emergency Medical Technician – Advanced

SYLLABUS

CREDIT HOURS: 8 credits (Lecture 3 cr, Lab 3 cr, Clinical 2 cr)

REQUIRED TEXTBOOK: Melissa Alexander & Richard Belle **Advanced EMT: A Clinical-Reasoning Approach, 2nd Edition:**
ISBN-10: 0-13-442012-8, ISBN-13: 978-0-13-442012-7

REQUIRED RESOURCES:

MyLab BRADY with Pearson e-Text – Access Card – for Advanced EMT: A Clinical-Reasoning Approach (My Brady Lab) **Must have this access. You may use the e-book with this application rather than purchasing the physical textbook above.**

COURSE DESCRIPTION: This course is designed to prepare the student to function competently as an Advanced Emergency Medical Technician as described in the National EMS Scope of Practice Model. The primary focus of EMS providers at this level takes the skill and knowledge set of the EMT and adds new skills and treatment modalities for critical and emergent patients who access the emergency medical system.

The Advanced Emergency Medical Technician functions as part of a comprehensive EMS system and functions under medical oversight to provide emergency care at a higher level than EMT level providers but less than that provided by a Paramedic level provider.

Course includes an online classroom with coursework completed independently by the student. It does include 72 hours of classroom time, held every other Saturday, for comprehensive skills learning and in-person lecture. 72 Hours of clinical time is also required to solidify skill set.

This course meets the 2014 National Emergency Medical Services Education Standards and Wyoming EMS Licensure standards. Successful completion of the course prepares the student to take the EMS national registry written and psychomotor examinations.

COURSE INSTRUCTOR:

Whitney Morgan, National Association of EMS Educator, Nationally Registered Paramedic, BA

Team Instruction with Cody Regional Health EMS Staff
Park County Complex Building – NWC Outreach Campus
1501 Stampede Avenue Rm 9105
Cody, WY 82414
Email: wmorgan@codyregionalhealth.org
NWC Cody Center: 307-587-3376

PRE-REQUISITES: Current national or state certification or licensure at the EMT level

CLASS TIMES:

Classes are held on every other Saturday beginning August 24 from 8 a.m. to 4 p.m.

COURSE OUTCOMES:

Students will be able to

- 1) Describe patient care responsibilities of the Emergency Medical Technician – Advanced
- 2) Demonstrate Emergency Medical Technician-Advanced level skills
- 3) Apply the patient care and other duties/responsibilities of the Emergency Medical Technician – Advanced

METHODS OF INSTRUCTION:

Learning Labs
Clinical Practice
Discussion
Demonstrations / Return Demonstration
Homework Assignments
Reading Assignments
Research Paper
Quizzes

EVALUATION OF ACHIEVEMENT OF LEARNING OUTCOMES:

Students must successfully complete the course with a final course grade of 80% or higher to be eligible to take the National Registry written exam. In addition to exams, each student will be evaluated by the instructor regarding attitude, participation, attendance, appearance, and overall performance. This evaluation will be based on observations by the instructors, clinical preceptors, and the EMS lead instructor during classroom/lab practice, skill demonstrations, and clinical experiences. Students must satisfactorily complete all methods of evaluation in order to successfully complete the course.

METHODS OF EVALUATION:

EXAMS	100%
LAB SKILL DEMONSTRATION	Satisfactory/Unsatisfactory
CLINICAL	Satisfactory/Unsatisfactory

METHODS OF INSTRUCTION:

Learning labs	Demonstrations/Return Demonstrations
Clinical practice	Reading Assignments
Discussion	Research Paper
Homework Assignments	Quizzes

EVALUATION OF ACHIEVEMENT OF LEARNING OUTCOMES:

Students must successfully complete the course with a final course grade of 80% or higher to be eligible to take the National Registry Certification exam. In addition to exams, each student will be evaluated by the Instructor regarding your attitude, participation, attendance, appearance, and overall performance. This evaluation will be based on observations by the instructors, clinical preceptors, and the EMS Lead Instructor during classroom/lab practice, skill demonstrations, and clinical experiences. Students must satisfactorily complete all methods of evaluation in order to successfully complete the course.

METHODS OF EVALUATION:

EXAMS	100%
LAB SKILL DEMONSTRATION	Satisfactory/Unsatisfactory
CLINICAL	Satisfactory/Unsatisfactory

GRADING SCALE:

A	= 95-100%	4.0 points
A-	= 90-94%	3.7 points
B+	= 87-89%	3.3 points
B	= 84-86%	3.0 points
B-	= 80-83%	2.7 points
C+	= 77-79%	2.3 points
C	= 74-76%	2.0 points
C-	= 70-73%	1.7 points
D+	= 67-69%	1.3 points
D	= 64-66%	1.0 points
D-	= 60-63%	0.7 points
F	= below 60%	0.0 points
S	= Satisfactory	0.0 points
U	= Unsatisfactory	0.0 points
W	= Withdrawn	0.0 points

EXAMINATION POLICY:

Students are expected to take all exams on the day(s) they are scheduled. Students may make prior arrangements with the instructor to make up missed exams. However, any missed exam without prior instructor approval will be given a grade of "0". A zero on any exam results in the student's inability to complete the course satisfactorily.

CLASSROOM/LAB ATTENDANCE:

Classroom lecture and lab skill performance are integrated throughout the scheduled meeting times. Students are required to attend all scheduled meeting times in order to successfully meet the course objectives. In the event of an unavoidable absence, it is the student's responsibility to contact the instructor to obtain the missed information. Missing more than 8 hours of the scheduled meeting time results in the student's inability to meet the course objectives and subsequent failure of the course.

LAB/SKILL REQUIREMENTS:

As part of this course, skill demonstrations will be provided and the students will have an opportunity to practice these skills in a laboratory setting. Skill performance evaluations will be conducted on each student to determine skill proficiency and are graded as Satisfactory/Unsatisfactory. All Skills must be performed satisfactorily before the student will be allowed to perform skills in the clinical setting. Completion of this requirement is mandatory for progression in this course.

LAB SUPPLIES NEEDED:

Casual attire is acceptable within the laboratory setting. You will be actively engaged in skill practice and learning activities, so please dress appropriately. Closed toe shoes are a must. Your course fees are used to purchase the EMT polo shirt. If additional supplies are needed during this course, they will be distributed as needed within the laboratory setting.

CLINICAL/AMBULANCE OR EMERGENCY DEPARTMENT EXPERIENCES:

EMS staff are individuals currently working in an EMS capacity that can provide expertise in the EMS environment. EMS staff work alongside the student to expose the student to the various duties and responsibilities of the EMT. EMS staff serve as a role model to the student and facilitate an environment where students can learn what it means to be an emergency medical technician in a medical setting. EMS staff provide experiences for students to practice hands on skills and achieve a level of proficiency in patient care.

All students will be required to complete a total of 48 hours of ambulance ride time and 24 hours in an Emergency Department to practice skills. This will be arranged by the Instructor. You must wear black shoes, black pants, black shoes and a black polo for the clinical/ambulance or emergency department observation experiences. Your Instructor will provide you with details on your clinical time, location, and other important information. There will also be the opportunity to view an autopsy as part of the class. This is dependent on availability of the facility and coroner.

CLINICAL ATTENDANCE:

Clinical absences should be avoided. However, if unavoidable, student must e-mail and leave a voice mail for the instructor and EMS unit as soon as possible regarding their impending absence. The student is responsible for working with the instructor to schedule a makeup time. If the student is unable to reschedule missed clinical time, an incomplete "I" will be given and a timeline will be agreed upon between the student/instructor/EMS unit on completion of required clinical hours.

CLINICAL PARTICIPATION REQUIRMENTS:

EMT-A students are required to complete a drug screening and have the appropriate immunizations prior to entering into the clinical experience. The instructor will provide students with instructions and deadlines to complete these requirements. Students who do not pass the drug screening will be subject to the process in the student handbook.

RESPONSIBILITIES OF AN EMERGENCY MEDICAL TECHNICIAN-ADVANCED

Special Demands

- Display tact and sympathy in dealing with a wide variety of patients and family members, many of whom are in a disturbed condition. Show a willingness to assist a patient under less than desirable circumstances.
- Display initiative and judgment in transporting patients, administering pre-hospital care, and operating a motor vehicle. Work under general supervisor performing tasks that are standardized but which require occasional independent decisions.
- Must physically be able to fulfill the role of EMT-Advanced, with or without a reasonable accommodation, which includes, but is not limited to, lifting and moving patients weighing up to 150 lbs. without assistance and up to 300 lbs. with the assistance of one other crew member.

Patient Care Responsibilities

- Determines the nature and extent of illness and injury and establishes priority for required pre-hospital emergency care
- Administers proper pre-hospital treatment to the patient at the scene and in route to the hospital
- Provides appropriate airway management to patients
- Provides cardiopulmonary resuscitation (CPR) to patients
- Provides appropriate treatment for control of hemorrhage and shock
- Provides appropriate management for immobilization of suspected fractures and dislocations
- Provides appropriate dressings and bandages for wound care
- Provides appropriate assistance in immediate childbirth delivery, cares for newborn infants
- Provides immediate initial treatment to poison and burn patients

- Provides appropriate oxygen therapy to patients
- Provides assistance to the paramedic by having the knowledge and ability to set up the heart monitor and intubation equipment
- Insertion and maintenance of IV line
- Every crew member is equally responsible for proper disposal and/or cleaning of contaminated material
- Provides care that is observant and responsive to patient needs as they arise

Students are expected to remain proficient in EMT-Basic Level Skills

- Taking of vital signs and patient history
- Performing a primary and secondary patient exam
- Administering oxygen
- Performing Cardiopulmonary Resuscitation in accordance with current protocols
- Applying bandages, dressings, and other wound care as needed
- Splinting of suspected fractures/dislocations appropriately
- Insertion of nasal, oral, and esophageal airways
- Nasopharyngeal and oropharyngeal suctioning
- Proper “situational” patient movement and extrication
- Set up of heart monitor, IV line, and intubation equipment
- Written and verbal communications both inter-service and hospital
- Emergency and defensive driving skills
- Scene control under direction of the paramedic
- Use of Automated Defibrillator

Duties and Other Responsibilities

- Responds to all ambulance calls efficiently and rapidly within local traffic law guidelines
- Ability to operate an emergency vehicle in a safe and controlled manner
- Knowledge of all streets in the service area and ability to choose the best route to the scene and to the hospital, considering road conditions, and patient comfort
- Knowledge of all traffic regulations and speed limits
- Assures vehicles are completely stocked with available supplies and that equipment is in good working order, both before and after an ambulance call
- Maintains good relations and communications with the hospital staff, public safety services, as well as hospital personnel and the general public
- Work cooperatively with all field, supervisory, and office personnel
- Adheres to all rules, regulations, policies, procedures, and orders as written in the hospital rules and regulations manual or as given by a supervisor
- Maintains both vehicles and duty stations in a state of order, adhering to safety and OSHA regulations, sanitation, and housekeeping regulations
- Attends continuing education sessions and meetings concerning the hospital
- Performs other job related duties as may be assigned or required to allow for the smooth and efficient operation of the hospital system

PROFESSIONAL ATTITUDE, CONDUCT and/or BEHAVIOR:

Professional conduct/behavior is expected during classroom/lab and clinical experiences:

1. Unprofessional attitude, conduct and/or behavior is defined as the inability to work productively, constructively and cooperatively with others.
2. Continual antagonism of instructors or classmates, and/or repeatedly causing dissension among others.
3. Engaging in Facebook and other social media, texting, or taking pictures with phone will not take place during classroom/ laboratory experiences. This includes during a testing times as well as other times determined by the discretion of faculty.
4. Faculty will use their professional experience and expertise to determine when a student is impaired or demonstrating an unacceptable attitude, conduct or behavior.
5. Impairment from drugs or alcohol, unprofessional attitude, conduct or behavior is grounds for dismissal from the AEMT class.
6. Profanity is considered unprofessional conduct.
7. Students will be required to adhere to national and state standards of practice and to practice within legal and ethical frameworks.

WYOMING EMS OFFICE LICENSURE:

After successfully completing this course, the instructor collaborates with the Wyoming EMS office to offer the National Registry psychomotor exam. Once the exam details are available, the instructor will communicate this to the student. Completion of the National Registry psychomotor exam is not a requirement of the course, but is offered as a courtesy to facilitate the process of certification.

This exam has the following components:

1. **The practical exam** consists of ten (10) stations listed below. You must pass all stations to be eligible for certification in the State of Wyoming.
 1. Trauma Assessment
 2. Medical Assessment
 3. Supraglottic Airway
 4. Cardiopulmonary Resuscitation and AED
 5. Medication Administration
 6. Pediatric Intraosseous Access
 7. Intravenous Access
 8. Pediatric Respiratory Compromise
 9. Spinal Immobilization (Supine Patient)
 10. Random Skills Station one (1) of the following:

- a. Spinal Immobilization (Seated Patient)
- b. Bleeding Control/Shock Management
- c. Joint/Long bone Immobilization

The student must also take the National Registry written examination through a Pearson Vue test site after course completion. This will award you licensure at a national level as well as through Wyoming. Facilitation of scheduling this will be provided during the course.

	Course Dates	Content for Exams
Week 1	8/24/2019	Intro to course / clinicals / skills
Week 2	9/7/2019	Section 1 – Preparing for AEMT Practice Section 2- Human Development, Health and Disease
Week 3	9/21/2019	Section 3 –Pharmacology Section 4- Assessment and Initial Management
Week 4	10/5/2019	Section 5 – Medical Emergencies
Week 5	10/19/2019	Section 5 – Medical Emergencies continued
Week 6	11/2/2019	Section 6 -Trauma
Week 7	11/16/2019	Section 6 –Trauma continued
Week 8	11/30/2019	Section 7- Special Patient Populations Section 8 –Rescue and Special Operations
Week 9	12/14/2019	Final Written Exam and Skills Exam

These will all be Saturday classes held from 0800 to 1600. During this time, we will meet to take an exam over the mentioned sections. We will also hold skill labs and some lectures during this time.

ACADEMIC HONESTY:

(*NOTE – This language is adapted from the NWC Student Handbook Academic Code of Conduct – please refer to that document for more information.)

Northwest College is committed to creating and maintaining an environment of academic honesty. It is the faculty’s responsibility to affirm the importance of academic integrity and to try to educate students as to standards of academic behavior. Students, too, bear the responsibility for academic integrity. Northwest College expects each student to learn and comply with academic expectations, display appropriate conduct in classroom situations, accept Northwest College’s “Student Academic Rights” and “Student Academic Responsibilities”, and preserves academic integrity by upholding the spirit of the letter of Academic Code of Conduct. Violations of academic integrity include but are not limited to the following: plagiarism, cheating, trafficking, copyright infringement, and interfering with the learning of other students.

ADA STATEMENT:

Northwest College is dedicated to removing barriers and opening access for students with disabilities in compliance with ADA and Section 504 of the Rehabilitation Act. It is the student's responsibility to make an appointment with the Disability Support Services (DSS) Coordinator to provide documentation of a disability (whether it is psychiatric, learning, mobility, health related, or sensory) and to inquire about accommodations for courses each semester. To contact the DSS Coordinator, call 754 - 6135 or stop by the Student Success Center located in the lower level of Colter Hall.

NORTHWEST COLLEGE NONDISCRIMINATION NOTICE:

Northwest College does not discriminate on the basis of race, color, national origin, sex, disability, age, religion, sexual orientation, gender identity, genetic information or veteran status in its programs and activities. We are an Equal Opportunity Employer and Institution (EOE/EOI). Student inquiries concerning disability services shall be directed to the Disability Support Services Coordinator, Student Success Center, 231 W. 6th St. Bldg. 4, Powell, WY 82435-1860; 307.754.6227. All other compliance inquiries shall be directed to the Compliance Officer, Orendorff Building, 231 W. 6th St. Bldg. 1, Powell, WY 82435-1898; 307.754.6098, or the Office of Civil Rights, U.S. Department of Education, Federal Building, 1244 Speer Blvd. #310, Denver, CO 80204-3582; 303.844.6595; Fax: 303.844.4303; TDD: 308.844.3417; ORC_Denver@ed.gov. Title IX inquiries: Title IX Coordinator, Orendorff Building, 231 W. 6th St. Bldg. 1, Powell, WY 82435-1898; 307.754.6100; Title9@nwc.edu.

NORTHWEST COLLEGE RESPECT FOR DIVERSITY STATEMENT:

The Northwest College community includes a rich mix of individuals who, through their distinctive viewpoints, personalities, and life experiences, contribute to an intellectually stimulating and supportive culture. Northwest College's commitment to diversity is central to understanding and learning through the promotion of free and open inquiry and discussion.

We recognize that our success as an institution depends on an environment where all individuals are included in Northwest College's community regardless of, but not limited to race, age, gender identity, ethnicity, sexual orientation, gender, nationality, citizenship, religious affiliation, or disability.

NORTHWEST COLLEGE COURSE WITHDRAWAL PROCEDURE AND SCHEDULE:

If you find that you no longer wish to remain in this class, you should officially drop or withdraw from it. Only you, the student, can initiate this process, and you are strongly encouraged to consult first with your academic advisor with regard to the effect on your program of study, financial aid status, etc. In order to drop or withdraw from class, you must meet certain deadlines and follow specific procedures:

- **To drop:** you can do this by the deadline listed below and no record will appear on your transcript. You can drop a class by logging onto Web Advisor through your student portal, or

your academic advisor can do it for you as well. You can also go to the Admissions Office and complete the appropriate form.

- **To Withdraw:** after the “drop” deadline, your remaining option is to “withdraw” from this course. A mark of “W” will appear on your transcript, but it will not affect your GPA. Again, you can withdraw from a class by the deadline listed below by logging onto Web Advisor through your student portal, or your academic advisor can do it for you as well. You can also go to the Registration and Records Office and complete the appropriate form.
- **Administrative Withdrawal:** If you merely stop logging onto this class, or cease submitting work even if you still log on, but do not officially remove yourself from class, then you will be subject to Administrative Withdrawal” from the course, at the discretion of the instructor, up to the official “Withdrawal” deadline mentioned above. Otherwise you shall definitely receive and “F”.

Drop/Add/Withdrawal deadlines are available on the Academic Calendar that can be found here:

<http://calendar.nwc.edu/site/academics/>

OFFENSIVE MATERIALS:

Performing in the role of Medical Assistance may require contact with the human body and body secretions. As a result, this course will contain information about these topics. The course may also contain explicit information on topics and issues such as nudity, sexuality, and elimination of body wastes (this is not an inclusive list)

NORTHWEST COLLEGE STUDENT RESOURCES:

Northwest College offers a multitude of resources to increase student success including:

1. Northwest College Student Success Program
 - a. Contact Person – Ty Barrus (ty.Barrus@nwc.edu)
 - b. Location – Lower level of Coulter hall
 - c. Website – <http://nwc.edu/services/success.html>
2. Northwest college Tutoring Center
 - a. Contact Person – Jen Schneider (jen.schneider@nwc.edu)
 - b. Location – 2nd floor of Hinckley Library
 - c. Phone – 307.754.6188
 - d. Website – <https://nwc.edu/tutoring/>
3. Northwest College Children’s Learning and Care Center
 - a. Contact Person – Autourina Mains (autourina.mains@nwc.edu)
 - b. Location – Children’s Learning and Care Center (beside the Fagerberg Building)
 - c. Phone – 307.754.6188
 - d. Website – <https://nwc.edu/services/childcare/>

4. Hinckley Library
 - a. Website – <http://nwc.edu/library/>
5. Project Succeed/Trio
 - a. Contact Person – Terri Meyer (terri.meyer@nwc.edu)
 - b. Location – Frisby Building 101
 - c. Phone – 307.754.6224
 - d. Website – <https://Nwc.edu/trio/>
6. Net-Tutor (on-line tutoring services)
 - a. Website – <http://nwc.edu/tutoring/online.html>

NORTHWEST COLLEGE EMERGENCY PROCEDURES GUIDE (including evacuation assembly areas):

<https://nwc.edu/securit/documents/Emergency%20Response%20Guide%202015.pdf>

AMENDMENTS TO THE SYLLABUS:

The instructor reserves the right to amend the syllabus during the course if the instructor perceives such amendments would be conducive to student learning. The instructor will notify the student of any changes.

Memorandum of Understanding

Emergency Medical Technician-Advanced

I have received the course outline, course requirements and course syllabi for EMT. I have reviewed and understand the course requirements and how the grades will be computed. I understand the risks inherent in the medical setting and voluntarily accept the responsibility to protect the health and safety of myself and others by following the protocols outlined by the clinical facility and NWC Student Handbook.

Student signature: _____ Date: _____