

## **EMERGENCY MEDICINE**

Electives Coordinator: Tom Matz, M.D.  
[tommatz@cox.net](mailto:tommatz@cox.net)

Department Assistant: Alisha Ortiz  
[alisha.ortiz@gmail.com](mailto:alisha.ortiz@gmail.com)

Phone: 702-383-7885  
Fax: 702-383-8235

**Department(s):** Emergency Medicine **EMER**  
**Course Title** Emergency Medicine (Reno) EMER 661a  
**and Number:** Section 001

**Preceptor(s):** St. Mary's Emergency Room Staff  
David Sullivan, M.D.

**Length:** 4 weeks  
**(Limited to UNSOM students interested in  
Emergency Medicine residency)**

**Objectives/Goals:**  
The students will learn the fundamentals of emergency medicine, including: triage, comprehensive evaluation and appropriate treatment plans.

**Description of Rotation:**  
The student will participate in the diagnosis and management of patients admitted to the emergency room with emphasis on practical resuscitative, minor surgical procedures and evaluation of major trauma and acute abdominal problems. They will perform procedures as indicated: IV inserting, debridement and closure of simple wounds; I & D simple abscesses; insertion of bladder catheters; insertion of NG and endotracheal tubes; thoracentesis, paracentesis or peritoneal lavage under supervision of responsible physician.

**Reference:**  
Howell. Emergency Medicine. Saunders

**Evaluation Method:**  
An oral final examination and written evaluation by the faculty preceptor.

**Grade:**  
Honors: An exceptional performance which exceeds all course objectives.  
High Pass: A performance which exceeds all course objectives.  
Pass: A performance which meets the course objectives.  
Marginal: A performance which only partially meets the course objectives.  
Failure: A performance which meets none of the course objectives.

**Department(s):** Emergency Medicine **EMER**  
**Course Title** Emergency Medicine EMER 661a  
**and Number:** (Reno) Section 001  
(Rural Sites) Section 004

**Preceptor(s):** Emergency Physicians (Renown Medical Center)  
Rural Sites: Fallon and Elko, Nevada  
**(Limited to UNSOM students only)**

**Length:** 4 weeks

**Description of Rotation:**

The student participates in the diagnosis and management of patients admitted to the emergency room with emphasis on practical resuscitative and minor surgical procedures and management of common problems seen in the emergency department. Start IVs; debridement and closure of simple wounds; insertion of bladder catheter; insertion of NG and endotracheal tubes. Develop a plan of care for the short term intervention setting.

**Reference:**

None

**Evaluation Method:**

Ongoing evaluation of student performance by the instructor; oral final examination.

**Grade:**

Honors/High Pass/Pass/Marginal/Fail

**Department(s):** Emergency Medicine **EMER**  
**Course Title** Emergency Medicine EMER 661a  
**and Number:** (Las Vegas) Section 002

**Preceptor(s):** Thomas Matz, M.D.

**Length:** 2 or 4 weeks

**Objectives/Goals:**

The students will learn the fundamentals of emergency medicine. This includes: triage, comprehensive evaluation and appropriate treatment plans.

**Description of Rotation:**

The student will participate in the direct evaluation, diagnosis and management of patients admitted to the emergency department. Students will rotate through both the trauma and adult medical emergency department at UMC acting at a sub-intern level. Students will participate in 20 hours of medical student didactics and clinical workshops including EKG interpretation, ultrasound, and emergent airway management. Students will be responsible for all procedures performed on their patients including IV insertion, wound management, incision and drainage of simple abscess, bladder catheters insertion, nasogastric and endotracheal tube insertion under direct supervision of attending.

**Reference:**

Case Files: Emergency Medicine, Toy.  
Emergency Medicine: A Comprehensive Study Guide, Tintinalli.

**Evaluation Method:**

Students will be evaluated on clinical performance, didactic participation and a final written and oral examination.

**Grade:**

Honors: An exceptional performance which exceeds all course objectives.

High Pass: A performance which exceeds all course objectives.

Pass: A performance which meets the course objectives.

Marginal: A performance which only partially meets the course objectives.

Failure: A performance which meets none of the course objectives.

**Department(s):** Emergency Medicine **EMER**  
**Course Title** ***SURVIVOR: Las Vegas*** EMER 661b  
**and Number:** (Wilderness Medicine) Section 002

**Preceptor(s):** Thomas Matz, M.D.

**Length:** 2 weeks – March 28 to April 9, 2010

**Objectives/Goals:**

The students will learn about preventing and managing injuries and illness in the wilderness, a place where medical technology is limited by equipment, facilities and distance.

**Description of Rotation:**

The student will be immersed in an action packed two-weeks of wilderness activities and challenges in a variety of learning environments. The course will begin on Sunday with three full days of rope and rescue training with the Las Vegas Search and Rescue Team, including a wilderness rescue scenario and evacuation. Following the Search and Rescue training, students will be introduced to a variety of topics through didactics and specific challenges. For two weeks all of the Emergency Medicine Residency Lectures and activities will focus on Wilderness Medicine, including didactics on Hypothermia, Submersion, Electrical Injuries, Bites, Stings, Edible and Poisonous Plants, and Heat-related Illness. Other activities scheduled for the clerkship include maps and orienteering, canyoneering trip to Zion National Park, desert survival workshop, and a high altitude summit of Mt. Charleston with avalanche training and rescue scenario. The two weeks will culminate with the SURVIVOR: Las Vegas Wilderness Medicine Challenge and Obstacle Course, which will test the student's wilderness medicine knowledge and skills.

**Reference:**

(Supplied by Department)  
Website: LasVegasEMR.com/wilderness  
Wilderness Medicine, Auerbach.  
Search and Rescue Manual  
Outdoor Emergency Care Manual, National Ski Patrol

**Evaluation Method:**

Students will be evaluated on their ability to utilize their newly attained knowledge and skills to complete a wilderness challenge course.

**Grade:**

Pass: A performance which meets the course objectives.  
Fail: A performance which meets none of the course objectives.

