

EMS 130 Pharmacology

COURSE DESCRIPTION:

Prerequisites: Take EMS 110

Corequisites: None

This course introduces the fundamental principles of pharmacology and medication administration and is required for paramedic certification. Topics include medical terminology, pharmacological concepts, weights, measures, drug calculations, vascular access for fluids and medication administration and legislation. Upon

II. Pharmacology Midterm Review & Exam

III. Didactic (2nd 8 weeks)

- A. Nervous System Review and Medications (stimulants & depressants)
- B. Cardiac & Anti-Hypertensive Medications
- C. GI & Endocrine Medications
- D. Analgesics
- E. Psychiatric Medications
- F. How to Read & Utilize Protocols
- G. Review Drug Cards
- H. Medication Math & Pharmacology Review
- I. ACLS (specialty certification)

IV. Skill Evaluations/Written Final

- A. IO Infusions, IM & SQ Injections, & IN Medication Administration
- B. Inhaled Medications, Glucometer, IV Piggyback, Make-Up Modules