

# EMS 257: Paramedic Applied Pharmacology

This course introduces basic and advanced pharmacological agents and concepts, with an emphasis on drug classifications and the knowledge and skills required for safe, effective medication administration. Medication pharmacokinetics and pharmacodynamics will be evaluated for most medicines used in the pre-hospital setting. Students will also learn how to establish various routes of medication administration and procedures for administering medications via these routes. Students will also demonstrate mathematic computations for various drug and solution dose administration problems.

**Credits:** 2

**Lab Hours:** 1

**Lecture Hours:** 1

**Program:** Emergency Medical Services