

Hagerstown Community College

Master Syllabus

COURSE: 162 Prehospital Pharmacology

DATE: Fall 2019

INSTRUCTOR: Bev Witmer

COURSE DESCRIPTION: This course addresses pharmacokinetics, pharmacodynamics, and drug calculation and administration. Drugs used in prehospital settings are reviewed according to classification. Total of 45 hours of lecture. Course fee required.

TEXTBOOK: Pharmacology for the Prehospital Professional 2nd Edition, Jeffery S. Guy. Jones and Bartlett ISBN: 9781284041460

STUDENT LEARNING OUTCOMES:

- Explain the importance of pharmacokinetics, absorption, biotransformation, elimination, half-life, accumulation, and pharmacodynamics in terms of the effects of a given drug on the body
- Identify the legal and ethical concerns of medication administration in the United States
- Explain the legal regulations that apply to medications, including the schedule of controlled medications.
- Explain how key drug legislation applies to the paramedic's role in administering drugs.
- Demonstrate proper technique in performing intravenous cannulation, as well as oral, sublingual, intramuscular, subcutaneous, and intravenous medication administration.
- Identify reliable reference material for drug information.
- Explain the six rights of medication administration.

MINIMUM CLOCK HOURS REQUIRED FOR THIS COURSE

Activity	Direct Faculty Instruction In-Class 37.5 Hours Required	Student Work outside of the Classroom 75 hours required
In-class "lecture"	37.5 hours	
Reading chapters		26 hours
Quiz/activity for each chapter	Included in lecture time	13 hours prep
13 lecture exams	Included in lecture time	26 hours exam prep

Activity	Direct Faculty Instruction In-Class 37.5 Hours Required	Student Work outside of the Classroom 75 hours required
Cumulative final exam (Academic Testing Center)	Included in lecture time	10 hours exam prep
Total Hours	37.5 hours	75 hours

If the course is offered in different formats such as hybrid, on-line, face-to-face a separate “Minimum clock hours” table is required for each format.

Services for Students with Disabilities: Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.