

MONTANA STATE UNIVERSITY-BOZEMAN
COLLEGE OF NURSING
Master Resource Outline
NRSG 603 Advanced Pharmacology I

Credits: 2 (lecture)

Semester Offered: Spring

Prerequisites: NRSG 602

Degree: DNP

DNP Essentials: I, II, II, IV, V, VII, VIII

Graduate Program Objectives: 1, 3

Course Description: This graduate nursing course provides an understanding of the science of therapeutics and principles of pharmacokinetics and pharmacodynamics.

Course Objectives:

1. Apply principles of pharmacodynamics to the cellular mechanism of drug action and physiologic outcomes of common classifications of pharmaceutical agents.
2. Apply principles of pharmacokinetics, absorption, distribution, metabolism and excretion of common classifications of pharmacologic agents.
3. Use principles of pharmacologic reasoning to determine the rationale for the management of patients with simple and complex health problems.

Approved by GAAC: 1/30/12; 10/5/2015

Approved by Faculty: 4/9/12