

# Course Competency

## NUR 4146 Pharmacology for Nursing

### Course Description

This course is designed for the RN – BSN student and builds on the prior knowledge of entry level registered nurses. The focus is on the pharmacological treatment of various illnesses in diverse individuals across the lifespan. The emphasis is on the principles of pharmacokinetics, pharmacodynamics and pharmacogenetics in the safe treatment of selected illnesses.

Course Competency	Learning Outcomes
<p><b>Competency 1:</b>The student will demonstrate knowledge of the general principles of pharmacotherapeutics, pharmacokinetics, pharmacodynamics, and pharmacogenetics/genomics in wellness promotion and illness prevention</p>	<ol style="list-style-type: none"> <li>1. Communication</li> <li>2. Critical thinking</li> <li>3. Information Literacy</li> <li>4. Cultural / Global Perspective</li> <li>5. Social Responsibility</li> <li>6. Ethical Issues</li> <li>7. Computer / Technology Usage</li> <li>8. Aesthetic / Creative Activities</li> <li>9. Environmental Responsibility</li> </ol>
<ol style="list-style-type: none"> <li>1. interpreting what causes varied responses in medication therapy in diverse populations (AACN 5.1f, AACN 9.6a, AACN 10.1c) (QSEN, PCT) (ANA 1,2)</li> <li>2. drawing a concept map that shows the factors that affect pharmacotherapeutics, pharmacokinetics, pharmacodynamics and pharmacogenetics/genomics in treating various illnesses (AACN 2.2i) (QSEN, PCT) (ANA 1,2)</li> </ol>	
<p><b>Competency 2:</b>The student will apply knowledge of legal and ethical considerations of safe medication administration</p>	<ol style="list-style-type: none"> <li>1. Communication</li> <li>2. Critical thinking</li> <li>3. Information Literacy</li> <li>4. Cultural / Global Perspective</li> <li>5. Social Responsibility</li> <li>6. Ethical Issues</li> <li>7. Computer / Technology Usage</li> </ol>

<ol style="list-style-type: none"> <li>1. explaining how the nursing code of ethics affects medication administration (AACN 5.1a, AACN 9.6c) (QSEN Safety) (ANA 1,2,12)</li> <li>2. writing recommendations to reduce medication errors (AACN 5.1f) (QSEN Safety, EBP, Quality) (ANA 4,7)</li> </ol>	
<p><b>Competency 3:</b>The student will evaluate safe principles of medication administration</p>	<ol style="list-style-type: none"> <li>1. Communication</li> <li>2. Critical thinking</li> <li>3. Information Literacy</li> <li>4. Computer / Technology Usage</li> <li>5. Aesthetic / Creative Activities</li> <li>6. Environmental Responsibility</li> </ol>
<ol style="list-style-type: none"> <li>1. assessing safety measures within an EHR system (AACN 5.1b, AACN 5.1f, AACN 5.1j) (QSEN Safety, Quality, Informatics) (ANA 1,2)</li> <li>2. examining safety measures used by nurses when administering medications (AACN 5.1a, AACN 5.1b, AACN 5.1f, AACN 10.1d) (QSEN Safety, EBP, Quality) (ANA 2,4,7)</li> </ol>	
<p><b>Competency 4:</b>The student will evaluate various technologies and systems used for medication administration</p>	<ol style="list-style-type: none"> <li>1. Communication</li> <li>2. Critical thinking</li> <li>3. Information Literacy</li> <li>4. Computer / Technology Usage</li> <li>5. Aesthetic / Creative Activities</li> <li>6. Environmental Responsibility</li> </ol>
<ol style="list-style-type: none"> <li>1. identifying a specific hospital and assessing hospital's technologies and systems used for medication administration (AACN 5.1f) (QSEN Safety, Quality, Informatics) (ANA 1,2)</li> <li>2. examining hospital's safe use of technologies and systems used for medication administration (AACN 5.1f, AACN 5.1j, AACN 10.1d) (QSEN Safety, Quality, Informatics) (ANA 2,4,7)</li> </ol>	

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