



# Syllabus

## NUR 113 Pharmacology I

### General Information

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**Date**

November 3rd, 2020

**Author**

Susan McCarthy

**Department**

Nursing

**Course Prefix**

NUR

**Course Number**

113

**Course Title**

Pharmacology I

### Course Information

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**Credit Hours**

1

**Lecture Contact Hours**

1

**Lab Contact Hours**

0

**Other Contact Hours**

0

**Catalog Description**

This course introduces the student to the nurse's professional role and responsibilities for safe medication administration while applying the basic principles of pharmacology and pharmacokinetics as they impact nursing care.

**Prerequisites****Co-requisites**

BIO 171, ENG 101, MAT 115, PSY 100, NUR 111, and NUR 112

**Grading Scheme**

Letter

### First Year Experience/Capstone Designation

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This course **DOES NOT** satisfy the outcomes applicable for status as a FYE or Capstone.

### SUNY General Education

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This course is designated as satisfying a requirement in the following SUNY Gen Ed category

None

### FLCC Values

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**Institutional Learning Outcomes Addressed by the Course**

Vitality

Perseverance

Interconnectedness

# Course Learning Outcomes

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## Course Learning Outcomes

1. Describe the nurse's professional role and responsibilities for safe medication administration.
2. Explain the basic principles of pharmacology and pharmacokinetics as it impacts nursing care.
3. Apply knowledge of basic math concepts for the safe administration of oral and parenteral medications.

## Program Affiliation

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This course is not required as a core course in a program

## Outline of Topics Covered

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Medication will align with theoretical content presented in NUR 1XU Health Concepts I

- Dosage Calculation
- Pharmacology/pharmacokinetic principles
- Nursing responsibilities r/t safe medication administration
- Anti-inflammatories
  - Salicylates
  - NSAIDS
  - Topical corticosteroids
- Analgesics
  - Acetaminophen
  - Opioids/narcotics
- Opioid antagonist
- Antidiarrheals
- Laxatives/Stool softeners
- Sleep aids
  - Melatonin
  - Zolpidem
- Alzheimer's medications
  - Acetylcholinesterase inhibitors
- Antibacterial
- Vitamins/iron
- Antihistamines
- Antitussives
- Ophthalmic glaucoma medications
  - beta-adrenergic blockers, carbonic anhydrase inhibitors, prostaglandin analogues)
- Statins
- Antihypertensives - Beta Blockers, Ace Inhibitors, Ca<sup>+</sup> Channel Blockers, ARBs