

**Course Objectives/Course Outline  
Spokane Community College**

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**Course Title:** Ambulatory Care Setting Pharmacology

**Prefix and Course Number:** MA 125

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

- be able to read and define pharmacology abbreviations
- define all parts of a prescription
- define and understand different routes of administration for medications
- explain and understand medication actions, contraindications, and side effects
- classify drugs according to body system and use
- recall the Controlled Substance Act, including the five classifications of the drug schedule
- know how to calculate medication dosages

**Course Outline:**

I. Pharmacology Abbreviations

- A. Medication abbreviations
- B. Routes of administration
- C. Dosage
- D. Dispensing times
- E. Weights and Measures

II. Prescriptions

- A. Sig
- B. Provider's name, address, phone number, registration number
- C. Patient's name, address
- D. Inscription
- E. Subscription
- F. Provider signature blanks
- G. Repetatur
- H. Label direction

III. Routes of Administration

- A. PO
- B. PR
- C. Sublingual
- D. IM
- E. SQ
- F. IV
- G. ID

IV. Contraindications versus Side Effects

- A. Contraindications
- B. Side Effects

- V. Classify drugs according to body system and use
  - A. Analgesics
  - B. Narcotics
  - C. Anti-inflammatory Medications
  - D. Psychotherapeutic Medications
  - E. Salicylates and Non-Salicylates
  - F. Antimicrobials
  - G. Diabetic Medications
  - H. Gastrointestinal Medications
  - I. Antiviral Medications
  - J. Anesthesia
  - K. Cardiovascular Medications
  - L. Diuretics
  - M. Anticoagulants
- VI. Controlled Substance Act
  - A. Controlled Substance Act
  - B. Schedule for Narcotics
- VII. Calculating medication dosages
  - A. Proportions