



Stark State
COLLEGE

STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Pharmacology 1
Course Number: PNC101

Required Materials

Textbook(s): Ogden, S., & Fluharty, L. (2022). *Calculation of drug dosages* (12th ed.). Elsevier.

Required Readings: See weekly calendar below.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	<p>Read:</p> <ul style="list-style-type: none">➤ Ogden & Fluharty, Chapter 1 Fractions <p>Review:</p> <ul style="list-style-type: none">➤ Orientation to Class➤ Introduction to Pharmacology History, Lega Aspects, Pharmacodynamics and Pharmacokinetics PowerPoints➤ Fractions, Decimals, Percents, Ratios, and Proportions
Week 2	<p>Read:</p> <ul style="list-style-type: none">➤ Ogden & Fluharty,Chapter 1-5 Review of Mathematics with pretest➤ Ogden & Fluharty,Chapter 6 Metric and Household Measurements➤ Ogden & Fluharty,Chapter 7 Calculation Used in Patient Assessment <p>Review:</p> <ul style="list-style-type: none">➤ Basic Math and Systems of Measurements PowerPoints➤ Basic Math and Systems of measurement Worksheets
Week 3	<p>Read:</p> <ul style="list-style-type: none">➤ Ogden & Fluharty,Chapter 8 Safety in Medication Administration➤ Ogden & Fluharty,Chapter 9 Interpretation of the Physician's Orders

Week	Chapter/Topic/Lab
	<ul style="list-style-type: none"> ➤ Ogden & Fluharty,Chapter 10 Reading Medication Labels ➤ Ogden & Fluharty,Chapter 11 Oral Dosages <p>Review:</p> <ul style="list-style-type: none"> ➤ Dosage Calculation PowerPoints ➤ Dosage Calculation Worksheet
Week 4	<p>Read:</p> <ul style="list-style-type: none"> ➤ Ogden & Fluharty,Chapter 12 Parenteral Dosages ➤ Ogden & Fluharty,Chapter 13 Dosages Measured in Units ➤ Ogden & Fluharty,Chapter 14 Reconstitution of Medications <p>Review:</p> <ul style="list-style-type: none"> ➤ Dosage Calculations; Nursing Process and Patient/Family Teaching Lessons PowerPoints
Week 5	<p>Read:</p> <ul style="list-style-type: none"> ➤ Ogden & Fluharty,Chapter 15 Intravenous Flow Rates ➤ Ogden & Fluharty,Chapter 16 Intravenous Flow Rates for Dosages Measured in Units ➤ Calculations of Drug Dosages in Brightspace <p>Review:</p> <ul style="list-style-type: none"> ➤ Preparing and Medication Administration PowerPoints ➤ Drug Calculation Worksheet
Week 6	<p>Read:</p> <ul style="list-style-type: none"> ➤ IV Flow Rates Lesson in Brightspace <p>Review:</p> <ul style="list-style-type: none"> ➤ IV Calculation PowerPoints ➤ IV Calculation Worksheets
Week 7	<p>Read:</p> <ul style="list-style-type: none"> ➤ Final Exam Review <p>Review:</p> <ul style="list-style-type: none"> ➤ Final Exam Review
Week 8	Comprehensive Final Exam