

Course Prefix: **AHS 121**
Course Title: **Pharmacology**
Lecture hours: **2.0**
Lab hours: **0.0**
Credit hrs/semester: **2.0**

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course covers the nature of drugs, their actions in the body, and their side effects.

COURSE OVERVIEW

This online course is designed to assist students to integrate knowledge of human anatomy and physiology with major drug classifications. Legal, ethical, and historical foundations of pharmacology, as well as safe drug administration through the lifespan will be explored.

COURSE COMPETENCIES

Upon successful completion of this course, the student should be able to:

Module I - The core concepts of history, law, and ethics

1. Define terminology related to the study of pharmacology.
2. Discuss the development of pharmacology from a historical, legal, and ethical perspective.
3. Relate the study of basic pharmacology to his/her professional affiliation.

Module II - Pharmacokinetics

4. Describe the absorption, distribution, metabolism and excretion of drugs.

Module III - Pharmacodynamics

5. Describe how the body responds to drugs and natural substances.

Module IV - Drug interactions/Adverse Reactions and Medication Errors/Lifespan Issues

6. Discuss principles of safe drug administration.
7. Define drug action, drug effects, and adverse reaction.

Module V - Drug Classifications

8. Examine how major drug classifications affect body systems throughout the life span.

MINIMAL STANDARDS

Given an assignment, the student should demonstrate minimal course requirements identified in the syllabus. Assessment and evaluation will be in the form of written assignments, discussions, and tests. A minimum grade average of 60 (D) is required to pass the course. However, if the student is majoring in a program in allied health sciences or is a college transfer student, a grade of 70 (C) should be considered the minimum passing grade.

COURSE REQUIREMENTS

Attendance Policy

Students risk being withdrawn from the course if they miss 20% of the required course assignments.

Withdrawal from Class

A student may withdraw from the class after the add/drop period up to and including midterm and receive a grade of W. After midterm, the student must contact the instructor to have a Request for Withdrawal form completed. The situation or reason for withdrawal will determine a grade of W or WF at time of withdrawal.

OTHER

Academic Assistance or Requirements

Any student who demonstrates an area of weakness or needs additional help may contact the course instructor. If further referral is required, the student and instructor will discuss options that are available through Student Services.

Academic Integrity

Using another person's work without giving credit to the source or copying another student's work and claiming it as one's own work is considered academic dishonesty. "Any student caught cheating or involved in any other academic dishonesty will be given a grade of zero and will be subject to further disciplinary action" (York Technical College Handbook and Catalog).

Grading

Five exams, participation in online discussions, and written assignments are the strategies used for evaluation purposes.

Five Exams	10% each for a total of 50%
Written assignments	50%
Total	100%

Students are expected to log on to the course at least twice a week. If a student cannot log on, he/she is expected to notify the instructor. If no notification is received, and the student fails to complete an assignment or an exam, the student will receive a grade of 0% for the scheduled assignment or exam.

If a student receives a grade below 70% on an assignment, the student will have one opportunity to resubmit the assignment so he/she can learn from his/her mistakes. The highest grade on the resubmission will be 80%, regardless of the quality of the resubmission.

Students may earn an extra 10 points on any assignment that is completed in an exceptional fashion. (Exceptional means using more than two citations and answering in depth, rather than simply providing a brief, but correct, answer.)

Students are also encouraged to participate in the course by posting new discoveries and interesting articles related to pharmacology on the Discussion Board.

Grading Scale

90-100	A
80-89	B
70-79	C
60-69	D
Below 60	F

Entry Level Skills

AHS 102 and/or BIO 210 and 211 are recommended as prerequisites but are not required courses

Prerequisite:

RDG 101 or equivalent

Co-requisite:

None