ACP 505, Introduction to Pharmacology

3 Credits, 45 hours lecture

Course Description

This course covers the pharmacokinetics and pharmacodynamics behind medication administration. Students will learn about calculations, classification, and administration of medications.

Pre and Co-requisites

Pre-Requisites ACP 501

Course Learning Outcomes (CLOs)

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

1. Describe the characteristics of drugs, identify types of drug names and outline drug standards.
2. Describe the ACP's responsibilities that relate to drug administration.
3. Discuss factors that influence pharmacokinetics and pharmacodynamics.
4. Discuss formulas as a basis for performing drug calculations and apply basic principles of mathematics to the calculation of medication dosages.
5. Calculate the correct dosage to safely administer medications via different routes.
6. Describe drug classifications used in the prehospital setting.

Evaluation

Assessment Type	Percentage
Quizzes	25%
Drug Classification Midterm	20%
Drug Calculation Exam	20%
Final Exam	35%

Course Completion Requirements

Minimum passing mark of 77% or B is required.

Grading Scale

4.0 Grade Scale	Alpha Grade	Percentage Grade
4.0	A+	96-100
4.0	A	90-95
3.7	A-	85-89
3.3	B+	81-84
3.0	B	77-80
2.7	B-	73-76
2.3	C+	69-72
2.0	C	65-68
1.7	C-	60-64
1.3	D+	55-59
1.0	*D	50-54
0.0	F	0-49

Land Acknowledgement

We respectfully acknowledge that Keyano College is on Treaty No. 8 Territory, the ancestral and traditional territory of the Cree, Dene, and Métis people.

Review Date: March 4, 2024