



Wayne County Community College District

COURSE SYLLABUS

DHY 211 Pharmacology

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

Pharmacology embraces the physical and chemical properties of drugs, the preparation of pharmaceutical agents, the pharmacokinetics of drugs, and the effects of drugs on living systems. Pharmacology encompasses the therapeutic application of medicines, toxicity and practical and legal issues pertaining to the development, marketing and dispensing of drugs.

PREREQUISITES:

EXPECTED COMPETENCIES:

Upon completion of this course, the student will be familiar with:

- Identify principles of drug actions and characteristics of major drug groups including sources of drug, methods of administration, classification, dosage, therapeutic action and drug interaction.
- Apply principles of pharmacology, sufficient to permit the proper medical evaluation of patients for dental hygiene care.
- Identify the influences that drugs taken for non-dental purposes may have on a proposed treatment and be able to modify the treatment plan accordingly.
- Identify the therapeutic agents used in the routine practice of clinical dentistry and be able to provide the patient with appropriate instructions for compliance.

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:

93%- 100% = A
86% - 92% = B
85% - 75% = C
69% - 74% = D
0% - 68% = E