



UNIVERSITY OF NICOSIA

ΠΑΝΕΠΙΣΤΗΜΙΟ ΛΕΥΚΩΣΙΑΣ

Course Code PHAR-301	Course Title Prescriptions and Galenic Pharmacy/Αρχές Συνταγογράφησης και Γαληνικής Φαρμακευτικής	Credits (ECTS) 5
Department Life & Health Sciences	Semester Fall	Prerequisites PHAR 104,
Type of Course Required	Field Pharmacy	Language of Instruction Greek/English
Level of Course 1 st Cycle	Year of Study 3 rd year	Lecturer Petrides Michalis

Objectives of the Course:

The aim of this course is to give the knowledge of the art of preparing various pharmacotechnological forms, usually made in a pharmacy (community or hospital). Other aims are the knowledge of prescription filling (types of prescription, control), the safe arrangement of drugs, chemicals and poisons, the contents and objectives of the Pharmacopoeia, as well as the over-the-counter system and drugs and the responsibility of the pharmaceutical scientist.

Learning Outcomes:

After completion of the course students are expected to:

- Know well how to prepare, keep, store and apply the galenic preparations made in the pharmacy;
- Know how to fill prescriptions and everything about the quality assurance in prescribing;
- Know how to arrange and keep safely and conveniently drug products, narcotics and toxic products included;
- Know what a pharmacopoeia is, its content, objectives and use;
- Have a sound knowledge about the over-the-counter drugs.

Course Contents:

Definition and meaning of prescription (the prescription form, symbols, abbreviations). Special recipes drug, Dosimetry, Prescriptions. Pharmacopoeia. Formulations administration of active pharmaceutical ingredients. Mixtures, syrups, emulsions, suspensions, lotions, elixirs, liniments (definition, properties, manufacturing, stability). Ointments, creams, pastes, plasters. Suppositories, vaginal tablets. Extracts - maceration, tinctures. Numerical problems on prescriptions. Learning will be supported by simulation workshops, practice placements and the use of practice in the simulation pharmacy, to extend both professional and personal skills.

Exercise 1: Filling a prescription;
Exercise 2: Preparation of an infusion and a decoctio;
Exercise 3: Preparation of an ointment;
Exercise 4: Preparation of a cream;
Exercise 5: Preparation of an emulsion;
Exercise 6: Preparation of iodine tincture;
Exercise 7: Finding information and using the pharmacopeia.

Learning Activities and Teaching Methods:

Lectures, class discussion, assignments, practicals

Assessment Methods:

Final Examination, Course work

Required Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
D.M. Collett, M.E. Aulton	Pharmaceutical Practice	Churchill Livingstone	1990	
Σ. Κατσιώτης	Γαληνική Φαρμακευτική	Πήγασος		
Ebook: Hernandez, Lyla M.	Roundtable on Health Literacy, Standardizing Medication Labels : Confusing Patients Less, Workshop	National Academies Press	2008	9780309115308

Recommended Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
A.J. Winfield, R.M.E. Richards	Pharmaceutical Practice	Churchill Livingstone	1998	
Ebook: Jain NK	Modern Dispensing Pharmacy	Pharma Book Syndicate	2008	9789350435175