

School of pharmacy

Department Medicinal Chemistry

Course title: Pharmacognosy1

Credit (Theory or Practical): Practical

Prerequisite: Medicinal plant

Course Lecturers: Dr. Sabernavaei, Dr. Nasserri

Responsible Lecturer: Dr. Sabernavaei

Course Description:

This course offers a foundation and explore the identification and determination of the herbal compounds, get to know the basics of research in the field of pharmacognosy, be prepared to carry out herbal medicine controls, and also acquire skills in the field of extraction.

Course title:

	subject	Lecturer	Presentation method	Date
1	Introduction to Practical Pharmacognosy	Dr. Sabernavaei	Laboratory Method	13 Oct
2	Determination of Ash Content	Dr. Sabernavaei	Laboratory Method	20 Oct
3	Determination of water Content	Dr. Sabernavaei	Laboratory Method	27 Oct
4	Starch extraction	Dr.Nasserri	Laboratory Method	3 Nov
5	Method for determining pectin content	Dr.Nasserri	Laboratory Method	10 Nov
6	Cyanogenic Glycoside test	Dr. Sabernavaei	Laboratory Method	17 Nov
7	Methods of extraction of natural compounds	Dr.Nasserri	Laboratory Method	24 Nov
8	Chromatographic Methods (TLC, CC)	Dr.Nasserri	Laboratory Method	1 Dec

9	Essential Oil Extraction Methods	Dr.Nasseri	Laboratory Method	8 Dec
10	Identification tests for Alkaloids	Dr. Sabernavaei	Laboratory Method	15 Dec
11	exam			
12				
11				

References:

1. Trease and Evans pharmacognosy. Evans WC.Saunders. Edinburg. The latest edition.

2. Harborne AJ. Phytochemical methods a guide to modern techniques of plant analysis.Springer science & business media; 1998 Apr 30.

Notes:

- All classes will be held in Besarati (Eastern 7) street, North Shahin Boulevard

The absence hours of a student should not exceed 4/17 in theoretical, 2/17 in practical and laboratorial. Otherwise, the score for that course or section will be considered as zero.

Note 1: allowed absences are accepted provided that students bring in documents for that and the related professor approves it. Acting against absences (either excused or not) will be the decision of the professor and agreement of the college.