



Jordan University of Science and Technology
Faculty of Pharmacy
Pharmacy Department

PHAR504 Selected Topics (1)

Summer Semester 2019-2020

Course Catalog

1 Credit Hours. This course enables the students to select any topic related to a theme determined per semester. For example, this semester special topics are including the controlled substances, their pathology, the pharmacokinetics of abused drugs including doping agents, the pharmacodynamics, work place testing, and specimen selection, collection, and preservation. The course also enables students to select topics that provide them with knowledge of practical applications of pharmacy in the Food and Drug administration, especially the regulatory aspects of chemicals used in food and drug industry such as doping agents.

Text Book

Title	Drug abuse handbook
Author(s)	Steven B. Karch
Edition	1st Edition
Short Name	Ref #1
Other Information	

Instructor

Name	Prof. Majed Masadeh
Office Location	-
Office Hours	Sun : 09:00 - 11:00 Mon : 10:00 - 11:00 Tue : 09:00 - 11:00 Wed : 10:00 - 11:00
Email	mmmasadeh@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun, Tue : 16:00 - 17:00
Room: منصة الكترونية

Tentative List of Topics Covered

Weeks	Topic	References
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Weeks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	Introduction to Controlled Substances Pathology of Drug Abuse Pharmacokinetics: Drug Absorption, Distribution, and Elimination Pharmacodynamics Alcohol Neurochemistry of Drug Abuse Addiction Medicine Medical Complications of Drug Abuse Doping in Sports Workplace Testing	All chapters From Ref #1
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Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Med [20SO3.6, 20SO4.1]	40%	
Final [30SO1.1, 30SO3.2]	60%	

Relationship to Program Student Outcomes (Out of 100%)														
SO1.1	SO2.1	SO3.2	SO3.3	SO2.2	SO2.3	SO2.4	SO3.1	SO3.4	SO3.5	SO3.6	SO4.1	SO4.2	SO4.3	SO4.4
30		30								20	20			

Evaluation	
Assessment Tool	Weight
Med exam	40%
Final exam	60%

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