

University of Montana
ScholarWorks at University of Montana

Syllabi

Course Syllabi

Fall 9-1-2005

BMED 641.01: Principles of Toxicology

Andrij Holian

University of Montana - Missoula, andrij.holian@umontana.edu

Let us know how access to this document benefits you.

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Recommended Citation

Holian, Andrij, "BMED 641.01: Principles of Toxicology" (2005). *Syllabi*. 9711.
<https://scholarworks.umt.edu/syllabi/9711>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

Principles of Toxicology (BMED 641)

Fall 2005

Course Coordinator: Andrij Holian, Ph.D.

Textbook: Casarett & Doull's Toxicology 6th Edition and current literature

RM Skaggs 111

The class will meet 8:10 AM to 10:00 AM Tuesday and Thursday

- August 30 Chapter 1 History and Scope of Toxicology – Holian
Chapter 2 Principles of Toxicology – Holian
- September 1 Chapter 3 Mechanisms of Toxicity – Holian
- September 6 Chapter 3 Mechanisms of Toxicity – Holian
- September 8 Chapter 4 Risk Assessment – Schumpert
- September 13 Chapter 3 Mechanisms of Toxicity – Holian
Chapter 5 Absorption, Distribution and Excretion of Toxicants – Holian
- September 15 Chapter 5 Finish and literature on Chapter 3 – Holian
- September 20 Chapter 6 Biotransformation of Xenobiotics – Cochran
- September 22 Chapter 6 Biotransformation of Xenobiotics – Cochran
- September 27 Chapter 6 Cytochrome P450 enzymes (pg 172-196) - Cochran
- September 29 Chapter 7 Toxicokinetics - Cochran
- October 4 EXAM 1
- October 6 Chapter 8 Chemical Carcinogenesis – Pershouse
- October 11 Chapter 9 Genetic Toxicology – Putnam
- October 13 Chapter 9 Genetic Toxicology – Putnam
- October 18 Chapter 13 Toxic responses of the Liver – Holian
- October 20 Chapter 13 Toxic responses of the Liver – Holian
- October 25 Chapter 12 Toxic responses of the Immune System - Pfau
- October 27 Chapter 12 Toxic responses of the Immune System - Pfau

November 1 Chapter 11 Toxic responses of the Blood - Holian
November 3 EXAM 2
November 8 Chapter 10 Developmental Toxicology – Coffin
November 10 Chapter 10 Developmental Toxicology – Coffin
November 15 Chapter 14 Toxic responses of the Kidney - Beall
November 17 Chapter 14 Toxic responses of the Kidney - Beall
November 22 Chapter 15 Toxic responses of the Respiratory System – Holian
November 24 THANKGIVING
November 29 Chapter 15 Toxic responses of the Respiratory System – Holian
December 1 Chapter 16 Toxic responses of the CNS – Cardozo-Pelaez
December 6 Chapter 16 Toxic responses of the CNS – Cardozo-Pelaez
December 8 Literature presentations - Holian
December 13 EXAM 3

Grade Each of the three exams will equal 25% of the final grade
25% will come from discussion of literature articles and class participation