Fall 9-1-2005

BMED 641.01: Principles of Toxicology

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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