

## Syllabus for Toxicology (G23.1006; G48.1006) Fall 2008

**Instructors: A.F. Gunnison and R. Jaeger**

**Required Text: Essentials of Toxicology (Klaassen, C.D. and Watkins, J.B., Eds)**

### **Lecture Schedule**

<b>Session No.</b>	<b>Topic</b>	<b>Reading</b>	<b>Lecturer</b>
1	Introduction & Course Requirements & Rules	--	Jaeger & Gunnison
	History of Toxicology	Ch. 1	Jaeger
	Principles of Toxicology	Ch. 2	Gunnison
2	Absorption Distribution and Excretion of Toxicants	Ch 5	Gunnison
3	Mechanisms of Toxicity	Ch 3	Gunnison
4	Biotransformation of Xenobiotics	Ch 6	Wirgin
	Toxic Effects of Solvents and Vapors	Ch 24	Evans
5	Forensic Toxicology	Ch. 31	Hayes
6	Toxic Responses of the Respiratory System	Ch. 15	Fine
	Air Pollution	Ch. 28	
7	Toxic Responses of the Liver	Ch 13	Jaeger
	Toxic Responses of the Kidney	Ch 14	Weiss
8	<b>MIDTERM EXAM</b>		
9	Toxic Effects of Plants	Ch. 27	Brenner
	Toxic Responses of the Heart and vascular systems	Ch. 18	Nadziejko
10	Chemical Carcinogenesis	Ch. 8	Klein
	Genetic Toxicology	Ch 9	
11	Toxic Effects of Radiation	Ch. 25	Harley
<b>No Class—Thanksgiving Recess</b>			
12	Risk Assessment	Ch. 4	Sussman
	Regulatory Toxicology	Ch. 34	
13	Toxic Effects of Metals	Ch 23	Costa
	Ecotoxicology	Ch 29	Wirgin
14	Toxic Responses of the Blood	Ch. 11	Zelikoff
	Toxic Responses of the Immune System	Ch. 12	