General Medical Pathology
Program: Pathology
Course Name: General Medical pathology
Course Number: 501
Course Director: Hemant K. Parekh, Ph.D., 206 OMS, Ext. 2-8024, email: hemant.parekh@temple.edu

Credits: 3 s.h.
Semester: To be decided
Times: To be decided
Location: To be decided

Prerequisites: None

Description: The purpose of this course is to examine the fundamental principles underlying diseases processes. The subject matter will include the basic mechanisms of cell injury and death, immunity and inflammation, thrombosis and neoplasia. Pathologic mechanisms at the molecular and cellular levels will be presented for the general processes of infectious diseases, immune system-regulated diseases, vascular disease, as well as neoplastic diseases. The roles played by genetics and the environment as well as nutrition in diseases will be discussed. Materials will be presented in lectures and discussions and will be supplemented by assigned readings from texts, reviews and research articles.

Textbooks & Readings: Will be provided at the start of the lectures.
Program: Pathology  
Course Name: Principles of Organ Pathology  
Course Number: 503  
Course Director: Hemant K. Parekh, Ph.D., 206 OMS, Ext. 2-8024, email: hemant.parekh@temple.edu

Credits: 6 s..h.  
Semester: To be decided  
Times: To be decided  
Location: To be decided

Prerequisites: None

Description: The purpose of this course is to present the fundamentals and specific mechanisms operating in human diseases such as Vascular disease, Diabetes, Infectious diseases, Gynecological cancers, hematological malignancies, Diseases associated with the gastro-intestinal systems, and Immune-mediated diseases. This will be achieved by presenting specific clinical examples and elucidating the pathogenic mechanisms underlying these examples. Materials will be presented in lectures and discussions and will be supplemented by assigned readings from texts, reviews and research articles.

Textbooks & Readings: Will be provided at the start of the lectures.

INSTRUCTOR: To be decided.  
DATE: 11/11/05