EMERGENCY MEDICAL TECHNICIAN (SURG)

Courses

SURG 200. Emergency Medicine Research I. 4 Credits.
Introduction to research in emergency medicine with a laboratory focusing on human subjects research in the emergency department. Prerequisites: Minimum Junior standing or Instructor permission; completion of mandatory hospital training at least one month before semester.

SURG 201. Emergency Medicine Research II. 4 Credits.
Advanced discussion and research training in emergency medicine with continued emergency department-based human subjects laboratory. Includes eight hours of clinical time per week helping recruit patients for ongoing research projects as well as a one hour seminar per week. Prerequisites: SURG 200 with minimum grade B; Instructor permission.

SURG 220. Emerg. Medicine Research III. 3 Credits.
Emergency medicine research under guidance of a faculty member, including facilitating study enrollment and implementation of research project proposed during SURG 201. Prerequisites: SURG 200, SURG 201; Instructor permission.

SURG 301. Immunity and Host Defense. 3 Credits.
This course will cover aspects of the immune system that are necessary to understand the complex interactions between pathogen and host. Prerequisites: BIOL 001 and BIOL 002 or equivalent.

SURG 302. Introduction to Flow Cytometry. 1 Credit.
Theoretical and practical aspects of the use of fluorescent markers and the technique of flow cytometry to analyze biological systems. Prerequisite: Instructor permission required for undergraduate students.

SURG 396. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.