MOTIVATION
Health research and health delivery may be the world’s most information-intensive human enterprises, yet today they enjoy only relatively small enhancement from the use of information technology. Some predict that we may now be at the dawn of a new era in harnessing informatics in the quest for health system improvement. Recent emphasis on health reform makes this course highly topical.

THIS COURSE
“Medical Informatics” is a pan-disciplinary look at the processes and systems of health care, with an eye toward understanding how informatics has been, and will likely be, applied to their optimization.

NEW THIS SEMESTER!
This semester the course will be taught via ALN, using UH’s Laulima collaboration system. Podcasts will be used, as well as real-time individual and group discussions at convenient times.

PREREQUISITES
There are no formal prerequisites. Applicants from the information sciences, biomedical sciences, biological sciences, public health, nursing, social sciences and allied fields are invited to register. Please contact the instructor if you wish to validate your preparedness. Email strev@hawaii.edu

REQUIREMENTS
Two outputs will be required: A paper which has researched one targeted area of Medical Informatics, and a course project which speculates in an area of future development of Medical Informatics. For graduate students seeking a thesis area, it may be possible to later develop the course project into a thesis domain.

TEXTBOOK

INSTRUCTOR
Prof. Dennis Streveler holds a Ph.D. in Medical Informatics from the University of California at San Francisco Medical School, and an M.S. in Computer Science from the University of Hawaii. He has worked on medical informatics projects in over 60 countries around the world for the World Bank, the World Health Organization, the Asian Development Bank and others. In Silicon Valley, he was Chief Strategist for WebMD, perhaps the world’s best known web health portal, and also has been National Technology Projects Manager for Kaiser-Permanente.