“As an academic scientist, I believe in educating future engineers and scientists to understand not only the detailed intricacies in a specific problem, but also the potential application of the method of solution to other problems,” says Professor Sina Rabbany, Chairperson of the Hofstra University Department of Engineering.

Dr. Rabbany’s current research applies engineering methods to the understanding of dynamic and complex processes inherent to tissue function. Author of more than 35 publications in the areas of cardiovascular dynamics, biosensors and cellular biomechanics, he is the recipient of multiple grants from the Office of Naval Research, and a Young Investigators Award from the Cardiovascular Systems Dynamics Society.

Dr. Rabbany created the Hofstra Bioengineering Program, the first on Long Island. Graduates have continued their education in some of the nation’s most prestigious Ph.D. and M.D./Ph.D. programs.

From the first semester through the senior year, engineering students are taught to understand concepts theoretically as well as to apply them practically. With small classes, nationally celebrated professors, and a focus on undergraduate education, the engineering programs at Hofstra offer students the educational breadth of a liberal arts institution coupled with the depth to be gained from an accomplished engineering faculty.

Hofstra offers a number of nationally accredited (Accreditation Board for Engineering and Technology) degree programs, including bachelor’s degrees in electrical engineering, mechanical engineering and engineering science, the latter with specializations in biomedical, civil or environmental options. In addition, beginning fall 2002, the university will offer a bachelor of science in computer engineering.

To learn more about Professor Rabbany and Hofstra’s engineering programs, please visit: www.hofstra.edu/S_Rabbany