RESOLVED, that the program in Biomedical Informatics leading to the Bachelor of Science at New York City College of Technology, be approved effective May 1, 2012, pending financial ability.

EXPLANATION: This proposed interdisciplinary baccalaureate program will allow students to opt for a specialized concentration in one of two professional areas which will share coursework in science and mathematics as well as computer programming, networking, and database design. The Biomedical and Molecular Bioinformatics concentration will prepare students for careers at pharmaceutical and biotech companies, research hospitals and academic institutions manipulating and analyzing DNA, RNA and protein databases. The Healthcare Informatics concentration will prepare students for careers in which they will be responsible for the secure storage, retrieval and use of biomedical information, as national standards are developed for the transfer of medical records to facilitate the electronic processing of insurance claims and other transactions. This program builds upon the strengths of the college’s existing technology curriculum with the strengths of an outstanding science faculty, whose research interests are aligned with, and will support, this new program.