RESOLVED, that the program in Mathematics Education leading to the Bachelor of Science at New York City Technical College be approved, effective September 27, 2011, subject to financial ability.

EXPLANATION: This program will prepare students for certification to teach middle school and secondary school mathematics (grades 7 to 12) in New York State. The degree is unique in that the proposed curriculum is comprised of 4 components: a pedagogy component (29 credits) in which most courses are specific to the teaching of mathematics, a mathematics component (37 credits), a liberal arts and science core component (43-45 credits), and a mathematical applications component (9-11 credits) which will draw from allied disciplinary strengths of the college such as architecture, electrical and computer engineering technology, computer systems, applied mathematics, and physics. The program aims to address the shortage of well-trained mathematics teachers in the New York City public school system, particularly among underrepresented groups.