Wentworth Institute of Technology, a university in Boston, has run a summer math program for incoming freshmen and transfer students majoring in STEM since 2012. The goal of this National Science Foundation funded program is to graduate more STEM students at Wentworth from underrepresented groups and/or who face significant financial or academic challenges. We will talk about how students are selected for the program, the curriculum and results from the last five years. (Received September 26, 2017)