Teaching developmental math in urban universities is a big challenge for many math professors. This talk discusses some new strategies that we have adopted in teaching developmental mathematics from policy making to new ways of using technology. We will also delve into topics such as comparing an online tutoring system to face to face tutoring, as well as the advantages of computerized homework and testing. As the coordinator of our math department for the developmental math program for 5 years and coordinator of computer lab for more than 10 years, we will share our experience in managing multiple sections of developmental math classes and the resulting improvements in student performance. (Received September 17, 2012)