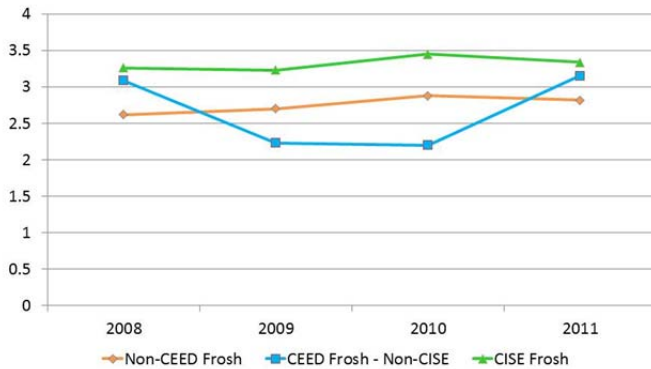
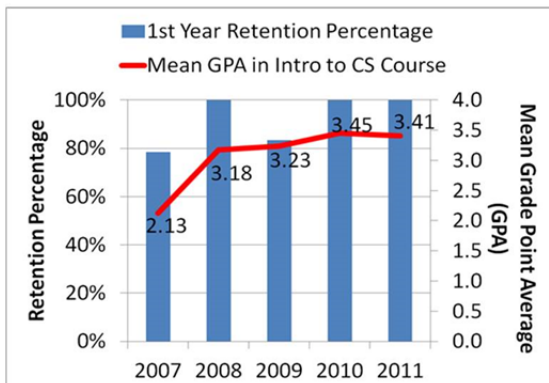


Fall CS31 Comparative Performance



This graph reveals that CEED/CISE participants consistently earned a higher mean GPA than other UCLA CS31 students. CEED URM freshmen who did not participate in CISE and had taken an AP computer course in high school earned a higher mean GPA than non-CEED frosh, but not as high as CEED/CISE frosh. CEED URM students without a high school CS course & who did not participate in CISE had the lowest mean GPA (years 2009, 2010).

CISE Impact: Freshmen Performance in CS 31



This graph shows that as improvements and adjustments were implemented in the CISE summer and academic programs, the mean GPA of CISE participants increased each year, over a five-year period.