

Strategy/Activity	2007-2008	Year 1/2008-2009		Year 2/2009-2010		Year 3/2010-2011	
	Baseline Year	Target	Actual	Target	Actual	Target	Actual
Increase STEM 4 yr Transfers and AA Degrees Awarded <sup>1,2</sup>	691	741	756	806	795‡	856	NA
SAC	226	251	246	271	204‡	296	NA
Mt. SAC	465	490	510	535	591	616	NA
CC STEM Transfers to CSUF <sup>2</sup>	48	88	38	78	35	75	40/F10
SAC	25	45	25	45	13	33	31
Mt. SAC	23	43	13	33	22	42	9
New CC Declared STEM Majors	1736	1776-1796	1861	1901-1921	1736‡	1961-1991	2168
SAC	1099	1119-1129	1185	1205-1215	1022‡	1265-1305	1359
Mt. SAC	632	652-662	676	696-706	714	734-744	809
STEM Degrees Awarded at CSUF for Transfer Students <sup>3</sup>	223	223	235	235	213	253	NA
CSUF Grad Students Teaching at the Community College	0	4	0	4	1	4	3
CSUF STEM Major Retention- % of First Time Freshmen <sup>4</sup>							
NSM		None	59.0%	None	68.4%	None	NA
ECS		None	50.8%	None	67.8%	None	NA
<b>Supplemental Instruction Impact (with SI vs no SI) <sup>5</sup></b>							
CSUF (Cumulative impact)							
Math							
Passing rate						82% vs 69%	
GPA						2.40vs 1.90	
Biology							
Passing Rate						Not anal	
GPA						2.97vs 2.25	
SAC (avg f09/sp10)							
Biology							
Grade %						83% vs 69%	
Retention %						92% vs 71%	
Math							
Grade%						91% vs 78%	
Retention %						96% vs 80%	
Mt. SAC							
Math							
Passing Rate			89% vs 74%			86% vs 79%	
GPA			2.70vs2.18			2.58vs 2.41	
Sciences							
Passing rate			84% vs 74%			88% vs 79%	
GPA			2.40vs2.32			2.66vs 2.40	

Appendix Notes:

‡ Computer system change in 2009-2010 at SAC may have caused missing count in AA degrees/ 4 yr transfers and declared STEM majors, but see corrected trend upwards in STEM majors in 2010 to meet targets.

1. Many students at community colleges do not get an AA degree prior to transfer
2. Negative impacts of 10% enrollment reductions and almost no spring transfers in 2009 or 2010 and impaction effect on Mt.SAC where out of service area transfers required GPA of 3.7 or higher.
3. After 2 years the degree completion rate for all transfers to CSUF is ~20%. Only 54% of NSM STEM transfers and 40% of ECS STEM transfers graduate in four years or less after transfer. Therefore, full impact of the TEST:UP program on targeted graduation rates is unlikely to be observed as yet with only 2 years of data through December 2010. Target set at increase of 40 in 2011.
4. Impact of programs on retention of first time freshmen STEM majors is an intermediate indicator.
5. SI data are provided as intermediate indicators.