

Seniors

	Mean Statistics			Distribution Statistics					Reference Group Comparison Statistics			
	Mean	SD ^b	SEM ^c	5th	Percentiles ^d			95th	Deg. of Freedom ^e	Mean Diff.	Sig. ^f	Effect size ^g
LEVEL OF ACADEMIC CHALLENGE (LAC)												
Missouri S&T (N = 727)	53.4	13.8	.5	31	44	53	62	76				
Plains Public	54.8	14.0	.1	32	45	55	65	78	18,806	-1.4	.008	-.10
Carnegie Class	55.6	14.3	.1	32	46	56	66	79	59,056	-2.2	.000	-.16
NSSE 2008	56.5	14.3	.0	33	47	57	67	79	356,860	-3.2	.000	-.22
Top 50%	59.9	13.8	.0	37	51	60	70	81	112,086	-6.5	.000	-.47
Top 10%	63.3	13.5	.1	40	54	64	73	84	22,445	-10.0	.000	-.74
ACTIVE AND COLLABORATIVE LEARNING (ACL)												
Missouri S&T (N = 763)	48.3	15.7	.6	24	38	48	57	76				
Plains Public	48.6	17.0	.1	24	38	48	57	78	836	-.3	.575	-.02
Carnegie Class	50.1	17.7	.1	24	38	48	62	81	786	-1.8	.002	-.10
NSSE 2008	50.8	17.6	.0	24	38	48	62	81	766	-2.5	.000	-.14
Top 50%	55.4	17.2	.1	29	43	56	67	86	774	-7.1	.000	-.41
Top 10%	59.7	17.3	.1	33	48	57	71	90	824	-11.4	.000	-.66
STUDENT-FACULTY INTERACTION (SFI)												
Missouri S&T (N = 731)	41.3	20.6	.8	11	28	39	56	80				
Plains Public	40.6	20.3	.2	11	28	39	56	78	18,820	.7	.372	.03
Carnegie Class	41.0	21.1	.1	11	28	39	56	83	59,393	.3	.720	.01
NSSE 2008	42.3	21.2	.0	11	28	39	56	83	358,649	-1.0	.202	-.05
Top 50%	49.3	21.5	.1	17	33	47	67	89	85,514	-8.0	.000	-.37
Top 10%	55.3	21.7	.2	22	39	56	72	94	835	-14.0	.000	-.65
ENRICHING EDUCATIONAL EXPERIENCES (EEE)												
Missouri S&T (N = 704)	39.3	16.0	.6	14	29	38	50	67				
Plains Public	38.9	17.5	.1	12	25	38	51	69	770	.5	.466	.03
Carnegie Class	39.7	17.6	.1	12	27	39	51	69	724	-.4	.527	-.02
NSSE 2008	40.4	18.2	.0	12	27	40	53	72	706	-1.1	.067	-.06
Top 50%	47.3	17.7	.1	18	35	47	60	76	713	-8.0	.000	-.45
Top 10%	54.3	17.3	.1	22	43	55	67	81	767	-15.0	.000	-.87
SUPPORTIVE CAMPUS ENVIRONMENT (SCE)												
Missouri S&T (N = 696)	53.6	16.6	.6	28	42	56	64	81				
Plains Public	56.1	18.4	.1	25	44	56	69	86	764	-2.5	.000	-.14
Carnegie Class	56.8	19.7	.1	25	42	57	69	89	720	-3.2	.000	-.16
NSSE 2008	58.0	19.4	.0	25	44	58	72	90	699	-4.3	.000	-.22
Top 50%	63.5	18.9	.1	31	50	64	78	94	708	-9.9	.000	-.52
Top 10%	66.7	18.5	.1	33	56	67	81	97	748	-13.1	.000	-.71

^a All statistics are weighted by gender, enrollment status, and institutional size.

^b Standard Deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.

^c The 95% confidence interval for the population mean it is equal to the sample mean plus/minus the product of 1.96 times the standard error of the mean.

^d A percentile is the point in the distribution of student-level benchmark scores at or below which a given percentage of benchmark scores fall.

^e Degrees of freedom used to compute the t-tests. Values vary for the total Ns due to weighting and the equal variance assumption.

^f Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.

^g Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.