

Student Learning Outcomes for all Courses with S-L elements in 2018-19

Learning Outcome Domains	Number	Pretest		Posttest		Percentage Change
		Mean	Standard Deviation	Mean	Standard Deviation	
Subject-related Knowledge	989	6.93	1.39	7.64	1.29	10.26%***
Communication Skills	989	7.24	1.36	7.77	1.28	7.39%***
Organizational Skills	989	7.16	1.27	7.66	1.21	6.85%***
Social Competence	989	7.32	1.32	7.75	1.24	5.80%***
Problem-solving Skills	989	7.30	1.22	7.78	1.17	6.49%***
Research Skills	989	7.08	1.24	7.62	1.21	7.67%***
Civic Orientation	989	7.41	1.22	7.79	1.21	5.14%***

\*\*\* $p < 0.001$

Student Learning Outcomes for Joint Humanitarian Entrepreneurship Summer Academy (SA) 2019

Learning Outcome Domains	Number	Pretest		Posttest		Percentage Change
		Mean	Standard Deviation	Mean	Standard Deviation	
Subject-related Knowledge	23	7.81	1.72	8.39	0.84	7.46%
Communication Skills	23	8.68	1.04	8.75	0.86	0.83%
Organizational Skills	23	8.39	1.22	8.39	1.04	0.00%
Social Competence	23	8.71	1.11	8.77	0.96	0.75%
Problem-solving Skills	23	8.61	1.09	8.51	0.87	-1.14%
Research Skills	23	8.20	1.22	8.41	1.05	2.47%
Civic Orientation	23	8.32	1.41	8.50	0.99	2.18%