

Fall 2004 GREAT Analysis

Descriptive Statistics

disci1	coursenum		N	Minimum	Maximum	Mean	Std. Deviation
CINS	155.00	Content knowledge	29	1	6	3.69	1.724
		Written oral communication skills	29	1	6	3.43	1.468
		Critical thinking skills	29	1	6	3.76	1.516
		Tech as a learning tool	29	1	6	3.67	1.502
		Cultural Appreciation	29	1	6	3.66	1.632
		Independent learning skills	29	1	6	3.71	1.709
DANC	147.00	Content knowledge	25	1	5	2.86	.896
		Written oral communication skills	25	2	5	3.24	.843
		Critical thinking skills	25	2	5	3.10	.707
		Tech as a learning tool	25	1	6	3.02	1.636
		Cultural Appreciation	25	1	5	3.08	.786
		Independent learning skills	25	1	5	3.10	.901
HLTH	101.00	Content knowledge	40	2	5	3.56	.632
		Written oral communication skills	40	2	5	3.51	.615
		Critical thinking skills	40	3	5	3.34	.603
		Tech as a learning tool	40	1	5	1.81	1.108
		Cultural Appreciation	40	1	5	1.78	.898
		Independent learning skills	40	2	5	3.26	.543
	190.00	Content knowledge	13	2	5	4.00	.890
		Written oral communication skills	13	3	6	3.85	.966
		Critical thinking skills	13	2	6	4.04	1.010
		Tech as a learning tool	13	2	5	3.96	.923
		Cultural Appreciation	13	1	3	1.65	.591
		Independent learning skills	13	3	6	3.96	.803
199.00	Content knowledge	19	3	6	4.00	1.106	
	Written oral communication skills	19	1	6	4.08	1.228	
	Critical thinking skills	19	4	6	4.53	.697	
	Tech as a learning tool	19	0	5	2.87	1.698	
	Cultural Appreciation	19	1	5	1.89	1.220	
	Independent learning skills	19	3	6	4.45	.762	
MULT	109.00	Content knowledge	12	3	5	4.29	.891
		Written oral communication skills	12	2	5	2.71	1.010
		Critical thinking skills	12	2	5	3.71	1.054
		Tech as a learning tool	12	1	5	3.21	1.033
		Cultural Appreciation	12	1	5	2.67	1.073
		Independent learning skills	12	0	5	.42	1.443
OFAD	160.00	Content knowledge	18	2	6	3.56	1.282
		Written oral communication skills	18	1	6	4.14	1.433
		Critical thinking skills	18	1	6	3.61	1.549
		Tech as a learning tool	18	2	6	3.86	1.122
		Cultural Appreciation	18	2	6	4.19	1.262
		Independent learning skills	18	1	6	2.97	1.786
RECR	242.00	Content knowledge	11	3	5	3.77	.932
		Written oral communication skills	11	1	5	3.32	1.007
		Critical thinking skills	11	2	5	2.95	.934
		Tech as a learning tool	11	2	5	3.41	.735
		Cultural Appreciation	11	2	5	3.32	.783
		Independent learning skills	11	3	5	3.09	.625

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disci1	courseum		N	Minimum	Maximum	Mean	Std. Deviation
SSCI	111.00	Content knowledge	9	2	6	3.72	1.460
		Written oral communication skills	9	1	6	3.44	2.022
		Critical thinking skills	9	2	6	4.11	1.474
		Tech as a learning tool	9	0	0	.00	.000
		Cultural Appreciation	9	2	6	3.00	1.414
		Independent learning skills	9	1	6	2.89	1.516

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Content knowledge	Between Groups	25.141	8	3.143	2.476	.015
	Within Groups	211.972	167	1.269		
	Total	237.112	175			
Written oral communication skills	Between Groups	24.741	8	3.093	2.353	.020
	Within Groups	219.480	167	1.314		
	Total	244.222	175			
Critical thinking skills	Between Groups	35.529	8	4.441	3.891	.000
	Within Groups	190.595	167	1.141		
	Total	226.124	175			
Tech as a learning tool	Between Groups	175.835	8	21.979	13.303	.000
	Within Groups	275.915	167	1.652		
	Total	451.750	175			
Cultural Appreciation	Between Groups	135.766	8	16.971	13.261	.000
	Within Groups	213.721	167	1.280		
	Total	349.487	175			
Independent learning skills	Between Groups	139.596	8	17.450	12.649	.000
	Within Groups	230.381	167	1.380		
	Total	369.977	175			