

## Appendix P

## Post-Hoc Multiple Comparison Test of Main Effects (Course Group)

## Multiple Comparisons

Dependent Variable: MEANGRAD

	(I) CSEGRP	(J) CSEGRP	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Dunnett T3	BUS	ENG	-.1294	.130	.994	-.4916	.2328
		HIS	.1773	.113	.833	-.1516	.5062
		MTH	.5999*	.149	.006	.1063	1.0936
		OTH	-.2202	.103	.471	-.5376	9.729E-02
		SOC	4.352E-02	.112	1.000	-.3061	.3931
	ENG	BUS	.1294	.130	.994	-.2328	.4916
		HIS	.3067	.131	.144	-4.40E-02	.6574
		MTH	.7293*	.163	.001	.2217	1.2370
		OTH	-9.08E-02	.122	1.000	-.4307	.2492
		SOC	.1729	.130	.935	-.1971	.5429
	HIS	BUS	-.1773	.113	.833	-.5062	.1516
		ENG	-.3067	.131	.144	-.6574	4.396E-02
		MTH	.4226	.150	.146	-6.28E-02	.9081
		OTH	-.3975*	.104	.002	-.7015	-9.34E-02
		SOC	-.1338	.113	.984	-.4713	.2037
	MTH	BUS	-.5999*	.149	.006	-1.0936	-.1063
		ENG	-.7293*	.163	.001	-1.2370	-.2217
		HIS	-.4226	.150	.146	-.9081	6.279E-02
		OTH	-.8201*	.143	.000	-1.2981	-.3421
		SOC	-.5564*	.149	.017	-1.0557	-5.72E-02
	OTH	BUS	.2202	.103	.471	-9.73E-02	.5376
		ENG	9.075E-02	.122	1.000	-.2492	.4307
		HIS	.3975*	.104	.002	9.341E-02	.7015
		MTH	.8201*	.143	.000	.3421	1.2981
		SOC	.2637	.103	.236	-6.26E-02	.5900
SOC	BUS	-4.35E-02	.112	1.000	-.3931	.3061	
	ENG	-.1729	.130	.935	-.5429	.1971	
	HIS	.1338	.113	.984	-.2037	.4713	
	MTH	.5564*	.149	.017	5.715E-02	1.0557	
	OTH	-.2637	.103	.236	-.5900	6.265E-02	

Based on observed means. The error term is Error.

\* The mean difference is significant at the .05 level.

Note: In order to perform Dunnett's multiple comparison's test of main effects, it was necessary to remove the covariate, Mean ASVAB, from the model. Differences in R2 for either model were minor (R2=.124 with the covariate, and R2=.111 without).