

Employer Rating of MATC Graduate Performance and Future Importance of Attribute

Calculated from the data is the difference between current graduate performance and the future importance of the Core Abilities. The chart reflects the relative stability of MATC students in demonstrating the eight Core Abilities, although students in the 2004-2005 academic year outperformed their predecessors in all eight Core Abilities, with the most improvement in *Science and Technology* and *Critical Thinking*. In terms of future importance, the employers rated *Social Interaction* as becoming more important in the future compared to past ratings. Critical thinking skills in a mathematical context, computer skills and math skills all indicate that MATC graduates are performing better than the attributes' future importance. Examining the gap between Graduate Performance and Future Importance gives an indication of how well MATC is meeting the employers' needs in each attribute. If MATC is improving, the gap should decrease over time. Of the Core Abilities and Attributes shown in the following table, only Computer Skills, Awareness of Global Influences, and Time Management Skills show an increased gap, indicating that these might be areas for improvement. The New Employer Survey data will be updated in fall 2009 so the latest data was not available to include for this report.

Core Ability	Attributes	1996 - 1997 Mean		2000 - 2001 Mean		2004 - 2005 Mean		Difference: Graduate Performance & Future Importance	
		Graduate Performance	Future Importance	Graduate Performance	Future Importance	Graduate Performance	Future Importance	1996 - 1997	2004 - 2005
Social Interaction	Demonstrates awareness of differences between individuals	3.17	3.55	3.20	3.60	3.35	3.66	0.38	0.31
Self-Awareness*	Demonstrates stress management skills	2.95	3.47	3.01	3.49	3.15	3.62	0.52	0.47
Social Interaction	Demonstrates respect for differences between individuals	3.23	3.45	3.28	3.56	3.41	3.62	0.22	0.21
Social Interaction	Interpersonal skills	3.22	3.71	3.26	3.72	3.38	3.78	0.49	0.40
Mathematics	Uses critical thinking skills in a mathematical context	2.95	2.81	3.03	2.91	3.14	3.09	-.14	-.05
Communication	Listening and speaking skills	3.16	3.71	3.20	3.72	3.30	3.76	0.55	0.46
Science & Technology	Computer skills	3.05	2.90	3.24	3.16	3.34	3.18	-.15	-.16
Mathematics	Math skills	3.06	2.91	3.12	2.89	3.21	3.08	-.15	-.13
Global Awareness*	Awareness of global influences affecting profession/ industry	3.03	3.09	3.09	3.13	3.15	3.24	0.06	0.09
Critical Thinking	Problem solving skills	2.99	3.69	3.17	3.72	3.23	3.79	0.70	0.56
Ethics	Demonstrates good work ethic (initiative, judgment, dependability)	3.39	3.81	3.46	3.85	3.52	3.87	0.42	0.35
Social Interaction	Works effectively in a team or group	3.26	3.77	3.34	3.74	3.39	3.80	0.51	0.41
Communication	Reading and writing skills	3.26	3.50	3.31	3.54	3.35	3.58	0.24	0.23
Self-Awareness*	Demonstrates time management skills	3.06	3.54	3.16	3.61	3.19	3.71	0.48	0.52

* In 2004 *Self Awareness* was revised to *Self-Management*, *Global Awareness* was revised to *Global & Cultural Perspectives*.