



Office of Institutional Research

To: Stephen Siciliano
CC: ESIMT, College-Wide Assessment Team
From: Darby Hiller
Date: April 16, 2003
Subject: Graduate Exposure to General Education Outcomes

In an effort to ascertain how often our graduates are exposed to NMC's general education outcomes, I analyzed the courses of our spring 2002 and fall 2002 graduates. Graduates were chosen because their coursework tends to represent an educational package offered by NMC. There were a total of 294 graduates from these two semesters with the criteria of having at least one course attached to a general education outcome. Every graduate had an average of 19 courses that are linked to our outcomes of communication, critical thinking, and cultural perspectives for a total of nearly 5800 courses.

On the average, regardless of degree, our graduates are exposed to the communication and critical thinking outcome 6 times. They are exposed to the cultural perspectives outcome only two times on average (Table 1). Those graduating with an AA make up the largest group of graduates (44.4%) in spring 2002, while those with an AAS are the greatest percentage of graduates in the fall 2002 (29.6%) (Table 2). After separating graduates by degree type (Table 3), regardless of semester of award, those with the most exposure to the communications and critical thinking outcomes are ADNs (seven times each, respectively). Those graduating with an AA have, on average, the most exposure to the cultural perspectives outcome (six times). Table 4 breaks down our graduates by degree type and by semester. If you have further questions about this data please contact me. (995-1084 or dhiller@nmc.edu)

Outcome Exposure (graduates from Spring 2002 and Fall 2002)

Table 1. Outcome Exposure	Minimum	Maximum	Mean	Std. Deviation
COM1	0	33	9.42	4.516
COM2	0	17	5.31	2.997
COM3	0	8	2.35	1.724
Communication	0	19.3	5.69	
CT1	0	20	8.26	3.632
CT2	0	16	5.32	2.608
CT3	0	15	5.18	3.144
Critical Thinking	0	17	6.25	
CP1	0	13	3.75	2.579
CP2	0	7	1.77	1.261
CP3	0	5	1.11	.785
Cultural Perspectives	0	9.3	2.21	

Graduates by degree and term

Table 2 Degree	Term		Total
	200202	200301	
AA	87	24	111
	44.4%	24.5%	37.8%
AAS	74	29	103
	37.8%	29.6%	35%
ADN	15	14	29
	7.7%	14.3%	9.9%
AS	18	3	21
	9.2%	3.1%	7.1%
ASA	2	28	30
	1.0%	28.6%	10.2%
Total	196	98	294
	100.0%	100.0%	100.0%

Outcome Exposure by Degree

Table 3 Degree - #Grads	Outcome	Minimum	Maximum	Mean	Std. Deviation
AA - 111	COM1	0	24	10.49	3.917
	COM2	0	14	4.82	2.375
	COM3	0	8	2.06	1.370
	CT1	0	20	8.58	3.682
	CT2	0	12	4.88	2.210
	CT3	0	12	4.15	2.780
	CP1	0	13	4.86	2.656
	CP2	0	7	2.24	1.416
	CP3	0	5	1.47	.861
AAS - 103	COM1	0	33	9.31	5.033
	COM2	0	10	4.66	2.395
	COM3	0	7	2.40	1.773
	CT1	1	17	7.88	3.437
	CT2	0	16	5.53	3.016
	CT3	0	15	6.37	3.334
	CP1	0	8	2.32	1.778
	CP2	0	4	1.01	.786
	CP3	0	2	.81	.486
ADN - 29	COM1	1	17	6.24	3.851
	COM2	6	17	10.97	2.368
	COM3	3	8	5.00	1.102
	CT1	3	19	8.86	3.916
	CT2	3	12	6.83	2.361
	CT3	5	11	7.55	1.478
	CP1	2	13	4.76	2.294
	CP2	2	6	2.83	.805
	CP3	0	3	.76	.636
AS - 21	COM1	2	16	9.00	3.450
	COM2	0	8	4.57	2.087
	COM3	0	3	1.38	.805
	CT1	0	17	9.62	3.918
	CT2	0	9	5.19	2.182
	CT3	0	10	3.90	2.468
	CP1	1	9	3.81	2.228
	CP2	0	4	1.71	.956
	CP3	0	2	1.29	.561
ASA - 30	COM1	0	20	10.07	4.160
	COM2	1	10	4.97	2.341
	COM3	0	5	1.70	1.317
	CT1	1	13	7.90	3.010
	CT2	0	10	5.43	2.315
	CT3	0	10	3.97	2.710
	CP1	0	10	3.83	2.588
	CP2	0	4	1.87	.937
	CP3	0	4	1.20	.961

Outcome Exposure by Degree and Semester

Table 4 Degree #Grads	Term	Outcome	Min	Max	Mean	Std. Deviation
AA	200202	COM1	2	24	10.67	3.967
87		COM2	0	14	4.78	2.295
		COM3	0	8	1.99	1.435
		CT1	0	20	8.68	3.721
		CT2	0	12	4.90	2.272
		CT3	0	12	4.25	2.712
		CP1	0	13	4.69	2.669
		CP2	0	7	2.22	1.482
		CP3	0	5	1.46	.887
24	200301	COM1	0	16	9.83	3.738
		COM2	0	12	4.96	2.694
		COM3	0	5	2.33	1.090
		CT1	1	17	8.21	3.587
		CT2	0	9	4.83	2.014
		CT3	1	11	3.79	3.050
		CP1	0	9	5.46	2.570
		CP2	0	6	2.33	1.167
		CP3	0	4	1.50	.780
AAS	200202	COM1	0	33	9.55	5.250
74		COM2	0	10	4.73	2.457
		COM3	0	7	2.34	1.674
		CT1	2	17	8.36	3.454
		CT2	0	14	5.58	2.933
		CT3	0	15	6.59	3.436
		CP1	0	8	2.30	1.718
		CP2	0	4	.97	.740
		CP3	0	2	.81	.488
29	200301	COM1	0	21	8.69	4.457
		COM2	0	9	4.48	2.262
		COM3	0	7	2.55	2.028
		CT1	1	12	6.66	3.120
		CT2	0	16	5.41	3.268
		CT3	1	11	5.79	3.040
		CP1	0	7	2.38	1.953
		CP2	0	3	1.10	.900
		CP3	0	2	.79	.491
ADN	200202	COM1	2	17	7.73	3.973
15		COM2	7	17	11.67	2.469
		COM3	4	8	5.47	1.187
		CT1	4	19	10.27	4.200
		CT2	3	12	7.47	2.446
		CT3	5	11	8.00	1.732
		CP1	3	13	5.60	2.667
		CP2	2	6	3.00	.926

		CP3	0	3	.93	.704
14	200301	COM1	1	13	4.64	3.104
		COM2	6	13	10.21	2.082
		COM3	3	6	4.50	.760
		CT1	3	13	7.36	3.054
		CT2	3	10	6.14	2.143
		CT3	5	8	7.07	.997
		CP1	2	8	3.86	1.406
		CP2	2	4	2.64	.633
		CP3	0	1	.57	.514
AS	200202	COM1	2	13	8.94	3.152
18		COM2	0	8	4.61	1.975
		COM3	0	3	1.33	.767
		CT1	0	14	9.44	3.682
		CT2	0	9	5.17	2.256
		CT3	0	10	3.94	2.338
		CP1	1	9	3.67	2.000
		CP2	0	3	1.61	.850
		CP3	0	2	1.22	.548
3	200301	COM1	5	16	9.33	5.859
		COM2	2	8	4.33	3.215
		COM3	1	3	1.67	1.155
		CT1	5	17	10.67	6.028
		CT2	3	7	5.33	2.082
		CT3	1	8	3.67	3.786
		CP1	2	9	4.67	3.786
		CP2	1	4	2.33	1.528
		CP3	1	2	1.67	.577
ASA	200202	COM1	9	12	10.50	2.121
2		COM2	5	10	7.50	3.536
		COM3	0	2	1.00	1.414
		CT1	9	10	9.50	.707
		CT2	4	9	6.50	3.536
		CT3	1	4	2.50	2.121
		CP1	2	9	5.50	4.950
		CP2	0	3	1.50	2.121
		CP3	0	3	1.50	2.121
28	200301	COM1	0	20	10.04	4.290
		COM2	1	10	4.79	2.217
		COM3	0	5	1.75	1.323
		CT1	1	13	7.79	3.083
		CT2	0	10	5.36	2.281
		CT3	0	10	4.07	2.748
		CP1	0	10	3.71	2.462
		CP2	0	4	1.89	.875
		CP3	0	4	1.18	.905