

Mathematics Task Force Student Grades by Course Combination Fall 2003 and Spring 2004

Methodology

- _ Fall 2003 grade data and Spring 2004 grade data were downloaded in September 2004.
- _ In instances where a student received two grades for the same course (in the same semester), the higher of the grades was selected for inclusion in the analysis. Thus, for example, if a student received both a “B” and a “W” in computer-mediated MATD-0330 in Fall 2003, the analysis included only the “B” grade.
- _ As requested, “A,” “B” and “C” grades were included for Fall 2003 data. “A,” “B,” “C,” “D,” “F,” “I,” “IP” and “W” grades were included for Spring 2004 data.
- _ The Mathematics department provided the 40 course combinations.
- _ The Mathematics department provided information on the delivery method of Mathematics courses for Fall 2003 courses (classroom, computer-mediated and distance learning).

How to read the tables

- _ The left hand side of each table, the row portion of the table, specifies the Fall 2003 course and breaks down the number (N) and percentage (%) of “A,” “B” and “C” grades for that course. The top segment of each table, the column portion of the table, specifies the subsequent Spring 2004 course and breaks down the number and percent of all grades for that course.
- _ As an example, examining the first course combination (Fall 2003 computer-mediated MATD-0330 and Spring 2004 MATD-0370) on page 2, there were four individuals that received a grade of “A” in MATD-0330 (computer-mediated) in Fall 2003 and who subsequently received a grade of “B” in MATD-0370 in Spring 2004. This combination of grades (“A” in computer-mediated MATD-0330 in Fall 2003 and “B” in MATD-0370 in Spring 2004) represented 23.5% of all individuals receiving a grade of “A” in computer-mediated MATD-0330 in Fall 2003.

1. Fall 2003 MATD-0330 (computer-mediated) & Spring 2004 MATD-0370

		Spring 2004 MATD-0370 grades														Total	
		A		B		C		F		I		IP		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD- 0330 (computer- mediated) grades	A	3	17.6%	4	23.5%	4	23.5%	0	.0%	0	.0%	2	11.8%	4	23.5%	17	100.0%
	B	1	9.1%	1	9.1%	3	27.3%	1	9.1%	1	9.1%	0	.0%	4	36.4%	11	100.0%
	C	0	.0%	2	14.3%	3	21.4%	5	35.7%	0	.0%	3	21.4%	1	7.1%	14	100.0%
Total		4	9.5%	7	16.7%	10	23.8%	6	14.3%	1	2.4%	5	11.9%	9	21.4%	42	100.0%

- Of the 42 computer-mediated MATD-0330 students who received a grade of “C” or better in Fall 2003, half of the students (50%) received grades of “C” or better in MATD-0370 in Spring 2004.

2. Fall 2003 MATD-0330 (distance learning) & Spring 2004 MATD-0370

		Spring 2004 MATD-0370 grades												Total	
		A		B		C		F		IP		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD- 0330 (distance learning) grades	A	6	42.9%	1	7.1%	2	14.3%	0	.0%	1	7.1%	4	28.6%	14	100.0%
	B	0	.0%	1	10.0%	4	40.0%	1	10.0%	0	.0%	4	40.0%	10	100.0%
	C	0	.0%	1	16.7%	0	.0%	1	16.7%	1	16.7%	3	50.0%	6	100.0%
Total		6	20.0%	3	10.0%	6	20.0%	2	6.7%	2	6.7%	11	36.7%	30	100.0%

- Of the 30 distance learning MATD-0330 students who received a grade of “C” or better in Fall 2003, half of the students (50%) received grades of “C” or better in MATD-0370 in Spring 2004.

3. Fall 2003 MATD-0330 (classroom) & Spring 2004 MATD-0370

		Spring 2004 MATD-0370 grades														Total	
		A		B		C		D		F		IP		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%	N	%		
all 2003 MATD- 330 (classroom) grades	A	76	26.3%	89	30.8%	47	16.3%	5	1.7%	10	3.5%	28	9.7%	34	11.8%	289	100.0%
	B	10	3.9%	36	14.2%	74	29.1%	16	6.3%	19	7.5%	49	19.3%	50	19.7%	254	100.0%
	C	2	1.1%	12	6.8%	24	13.6%	18	10.2%	31	17.6%	47	26.7%	42	23.9%	176	100.0%
Total		88	12.2%	137	19.1%	145	20.2%	39	5.4%	60	8.3%	124	17.2%	126	17.5%	719	100.0%

- Of the 719 classroom MATD-0330 students who received a grade of “C” or better in Fall 2003, 370 students (51%) received grades of “C” or better in MATD-0370 in Spring 2004.

4. Fall 2003 MATD-0370 (computer-mediated) & Spring 2004 MATD-0390

		Spring 2004 MATD-0390 grades												Total	
		A		B		C		F		IP		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD- 0370 (computer- mediated) grades	A	4	57.1%	2	28.6%	0	.0%	0	.0%	0	.0%	1	14.3%	7	100.0%
	B	1	11.1%	2	22.2%	3	33.3%	1	11.1%	2	22.2%	0	.0%	9	100.0%
	C	1	10.0%	0	.0%	3	30.0%	2	20.0%	3	30.0%	1	10.0%	10	100.0%
Total		6	23.1%	4	15.4%	6	23.1%	3	11.5%	5	19.2%	2	7.7%	26	100.0%

- Of the 26 computer-mediated MATD-0370 students who received a grade of “C” or better in Fall 2003, 16 students (62%) received grades of “C” or better in MATD-0390 in Spring 2004.

5. Fall 2003 MATD-0370 (distance learning) & Spring 2004 MATD-0390

		Spring 2004 MATD-0390 grades												Total	
		A		B		C		D		IP		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD-0370 (distance learning) grades	A	5	45.5%	5	45.5%	1	9.1%	0	.0%	0	.0%	0	.0%	11	100.0%
	B	1	12.5%	2	25.0%	2	25.0%	0	.0%	1	12.5%	2	25.0%	8	100.0%
	C	0	.0%	1	12.5%	1	12.5%	1	12.5%	2	25.0%	3	37.5%	8	100.0%
Total		6	22.2%	8	29.6%	4	14.8%	1	3.7%	3	11.1%	5	18.5%	27	100.0%

- Of the 27 distance learning MATD-0370 students who received a grade of "C" or better in Fall 2003, 18 students (67%) received grades of "C" or better in MATD-0390 in Spring 2004.

6. Fall 2003 MATD-0370 (classroom) & Spring 2004 MATD-0390

		Spring 2004 MATD-0390 grades														Total			
		A		B		C		D		F		I		IP		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD-0370 (classroom) grades	A	74	32.0%	66	28.6%	38	16.5%	4	1.7%	9	3.9%	2	.9%	8	3.5%	30	13.0%	231	100.0%
	B	13	5.1%	55	21.4%	54	21.0%	13	5.1%	20	7.8%	1	.4%	39	15.2%	62	24.1%	257	100.0%
	C	2	.8%	21	8.5%	44	17.9%	22	8.9%	39	15.9%	1	.4%	61	24.8%	56	22.8%	246	100.0%
Total		89	12.1%	142	19.3%	136	18.5%	39	5.3%	68	9.3%	4	.5%	108	14.7%	148	20.2%	734	100.0%

- Of the 734 classroom MATD-0370 students who received a grade of "C" or better in Fall 2003, 367 students (50%) received grades of "C" or better in MATD-0390 in Spring 2004.

7. Fall 2003 MATD-0370 (computer-mediated) & Spring 2004 MATH-1332

		Spring 2004 MATH-1332 grades				Total	
		A				N	%
		N	%				
Fall 2003 MATD-0370 (computer-mediated) grades	A	1	100.0%			1	100.0%
	B	0	.0%			0	.0%
	C	0	.0%			0	.0%
Total		1	100.0%			1	100.0%

- The one student who took both computer-mediated MATD-0370 (Fall 2003) and MATH-1332 (Spring 2004) received an "A" in both classes.

8. Fall 2003 MATD-0370 (distance learning) & Spring 2004 MATH-1332

_ No students in this course combination.

9. Fall 2003 MATD-0370 (classroom) & Spring 2004 MATH-1332

		Spring 2004 MATH-1332 grades										Total	
		A		B		C		D		W		N	%
		N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD-0370 (classroom) grades	A	9	56.3%	3	18.8%	1	6.3%	0	.0%	3	18.8%	16	100.0%
	B	7	46.7%	1	6.7%	4	26.7%	0	.0%	3	20.0%	15	100.0%
	C	1	14.3%	0	.0%	1	14.3%	3	42.9%	2	28.6%	7	100.0%
Total		17	44.7%	4	10.5%	6	15.8%	3	7.9%	8	21.1%	38	100.0%

_ Of the 38 classroom MATD-0370 students who received a grade of “C” or better in Fall 2003, 27 students (71%) received grades of “C” or better in MATH-1332 in Spring 2004.

10. Fall 2003 MATD-0370 (computer-mediated) & Spring 2004 MATH-1333

_ No students in this course combination.

11. Fall 2003 MATD-0370 (distance learning) & Spring 2004 MATH-1333

_ No students in this course combination.

12. Fall 2003 MATD-0370 (classroom) & Spring 2004 MATH-1333

		Spring 2004 MATH-1333 grades				Total	
		A		I		N	%
		N	%	N	%		
Fall 2003 MATD-0370 (classroom) grades	A	1	100.0%	0	.0%	1	100.0%
	B	0	.0%	0	.0%	0	.0%
	C	0	.0%	1	100.0%	1	100.0%
Total		1	50.0%	1	50.0%	2	100.0%

_ Of the two classroom MATD-0370 students who received a grade of “C” or better in Fall 2003, one student received a grade of “A” in MATH-1333 in Spring 2004.

13. Fall 2003 MATD-0370 (computer-mediated) & Spring 2004 MATH-1342

— No students in this course combination.

14. Fall 2003 MATD-0370 (distance learning) & Spring 2004 MATH-1342

— No students in this course combination.

15. Fall 2003 MATD-0370 (classroom) & Spring 2004 MATH-1342

	Spring 2004 MATH-1342 grades								Total		
		A		B		F		W		N	%
		N	%	N	%	N	%	N	%		
Fall 2003 MATD-0370 (classroom) grades	A	2	25.0%	1	12.5%	2	25.0%	3	37.5%	8	100.0%
	B	0	.0%	0	.0%	1	25.0%	3	75.0%	4	100.0%
	C	0	.0%	0	.0%	0	.0%	0	.0%	0	.0%
Total		2	16.7%	1	8.3%	3	25.0%	6	50.0%	12	100.0%

— Of the 12 classroom MATD-0370 students who received a grade of “C” or better in Fall 2003, three students (25%) received grades of “C” or better in MATH-1342 in Spring 2004.

16. Fall 2003 MATD-0390 (computer-mediated) & Spring 2004 MATH-1314

	Spring 2004 MATH-1314 grades								Total		
		A		B		C		W		N	%
		N	%	N	%	N	%	N	%		
Fall 2003 MATD-0390 (computer-mediated) grades	A	3	60.0%	2	40.0%	0	.0%	0	.0%	5	100.0%
	B	3	42.9%	2	28.6%	2	28.6%	0	.0%	7	100.0%
	C	0	.0%	0	.0%	0	.0%	2	100.0%	2	100.0%
Total		6	42.9%	4	28.6%	2	14.3%	2	14.3%	14	100.0%

— Of the 14 computer-mediated MATD-0390 students who received a grade of “C” or better in Fall 2003, 12 students (86%) received grades of “C” or better in MATH-1314 in Spring 2004.

17. Fall 2003 MATD-0390 (distance learning) & Spring 2004 MATH-1314

		Spring 2004 MATH-1314 grades										Total	
		A		B		C		D		W		N	%
		N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD-0390 (distance learning) grades	A	2	66.7%	1	33.3%	0	.0%	0	.0%	0	.0%	3	100.0%
	B	1	12.5%	1	12.5%	2	25.0%	0	.0%	4	50.0%	8	100.0%
	C	1	16.7%	1	16.7%	2	33.3%	1	16.7%	1	16.7%	6	100.0%
Total		4	23.5%	3	17.6%	4	23.5%	1	5.9%	5	29.4%	17	100.0%

- Of the 17 distance learning MATD-0390 students who received a grade of “C” or better in Fall 2003, 11 students (65%) received grades of “C” or better in MATH-1314 in Spring 2004.

18. Fall 2003 MATD-0390 (classroom) & Spring 2004 MATH-1314

		Spring 2004 MATH-1314 grades													Total		
		A		B		C		D		F		I		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD-0390 (classroom) grades	A	50	38.5%	45	34.6%	17	13.1%	2	1.5%	3	2.3%	0	.0%	13	10.0%	130	100.0%
	B	13	8.4%	43	27.9%	31	20.1%	9	5.8%	7	4.5%	1	.6%	50	32.5%	154	100.0%
	C	3	2.6%	8	6.9%	29	25.0%	13	11.2%	12	10.3%	2	1.7%	49	42.2%	116	100.0%
Total		66	16.5%	96	24.0%	77	19.3%	24	6.0%	22	5.5%	3	.8%	112	28.0%	400	100.0%

- Of the 400 classroom MATD-0390 students who received a grade of “C” or better in Fall 2003, 239 students (60%) received grades of “C” or better in MATH-1314 in Spring 2004.

19. Fall 2003 MATD-0390 (computer-mediated) & Spring 2004 MATH-1324

		Spring 2004 MATH-1324 grades				Total	
		D		W		N	%
		N	%	N	%		
Fall 2003 MATD-0390 (computer-mediated) grades	A	0	.0%	0	.0%	0	.0%
	B	0	.0%	0	.0%	0	.0%
	C	1	50.0%	1	50.0%	2	100.0%
Total		1	50.0%	1	50.0%	2	100.0%

- Of the two computer-mediated MATD-0390 students who received a grade of “C” or better in Fall 2003, no students received a grade of “C” or better in MATH-1324 in Spring 2004.

20. Fall 2003 MATD-0390 (distance learning) & Spring 2004 MATH-1324

		Spring 2004 MATH-1324 grades				Total	
		C				N	%
		N	%		N		
Fall 2003 MATD-0390 (distance learning) grades	A	0	.0%		0	.0%	
	B	0	.0%		0	.0%	
	C	2	100.0%		2	100.0%	
Total		2	100.0%		2	100.0%	

- The two distance learning Fall 2003 MATD-0390 students who took MATH-1324 in Spring 2004 received grades of “C” in both classes.

21. Fall 2003 MATD-0390 (classroom) & Spring 2004 MATH-1324

		Spring 2004 MATH-1324 grades												Total	
		A		B		C		D		F		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD-0390 (classroom) grades	A	4	44.4%	2	22.2%	1	11.1%	0	.0%	0	.0%	2	22.2%	9	100.0%
	B	3	23.1%	4	30.8%	3	23.1%	1	7.7%	1	7.7%	1	7.7%	13	100.0%
	C	0	.0%	1	14.3%	1	14.3%	1	14.3%	0	.0%	4	57.1%	7	100.0%
Total		7	24.1%	7	24.1%	5	17.2%	2	6.9%	1	3.4%	7	24.1%	29	100.0%

- Of the 29 classroom MATD-0390 students who received a grade of “C” or better in Fall 2003, 19 students (66%) received grades of “C” or better in MATH-1324 in Spring 2004.

22. Fall 2003 MATD-0390 (computer-mediated) & Spring 2004 MATH-1316

		Spring 2004 MATH-1316 grades						Total	
		A		B		W		N	%
		N	%	N	%	N	%		
Fall 2003 MATD-0390 (computer-mediated) grades	A	1	100.0%	0	.0%	0	.0%	1	100.0%
	B	0	.0%	1	100.0%	0	.0%	1	100.0%
	C	0	.0%	0	.0%	1	100.0%	1	100.0%
Total		1	33.3%	1	33.3%	1	33.3%	3	100.0%

- Of the three computer-mediated MATD-0390 students who received a grade of “C” or better in Fall 2003, two students (67%) received grades of “C” or better in MATH-1316 in Spring 2004.

23. Fall 2003 MATD-0390 (distance learning) & Spring 2004 MATH-1316

		Spring 2004 MATH-1316 grades				Total	
		A		W		N	%
		N	%	N	%		
Fall 2003 MATD-0390 (distance learning) grades	A	1	50.0%	1	50.0%	2	100.0%
	B	0	.0%	0	.0%	0	.0%
	C	0	.0%	0	.0%	0	.0%
Total		1	50.0%	1	50.0%	2	100.0%

- Of the two distance learning MATD-0390 students who received a grade of “C” or better in Fall 2003, one student received a grade of “A” in MATH-1316 in Spring 2004.

24. Fall 2003 MATD-0390 (classroom) & Spring 2004 MATH-1316

		Spring 2004 MATH-1316 grades										Total	
		A		B		C		F		W		N	%
		N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATD-0390 (classroom) grades	A	4	30.8%	3	23.1%	0	.0%	1	7.7%	5	38.5%	13	100.0%
	B	0	.0%	3	60.0%	1	20.0%	0	.0%	1	20.0%	5	100.0%
	C	0	.0%	0	.0%	0	.0%	0	.0%	0	.0%	0	.0%
Total		4	22.2%	6	33.3%	1	5.6%	1	5.6%	6	33.3%	18	100.0%

- Of the 18 classroom MATD-0390 students who received a grade of “C” or better in Fall 2003, 11 students (61%) received grades of “C” or better in MATH-1316 in Spring 2004.

25. Fall 2003 MATD-0360 & Spring 2004 MATH-1333

- No students in this course combination.

26. Fall 2003 MATH-1314 (distance learning) & Spring 2004 MATH-1316

		Spring 2004 MATH-1316 grades		Total	
		W		N	%
		N	%		
Fall 2003 MATH-1314 (distance learning) grades	A	1	100.0%	1	100.0%
	B	0	.0%	0	.0%
	C	0	.0%	0	.0%
Total		1	100.0%	1	100.0%

- The one student who took distance learning MATH-1314 in Fall 2003 (with a grade of “A”) withdrew from MATH-1316 in Spring 2004.

27. Fall 2003 MATH-1314 (classroom) & Spring 2004 MATH-1316

		Spring 2004 MATH-1316 grades												Total	
		A		B		C		D		F		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATH- 1314 (classroom) grades	A	25	61.0%	9	22.0%	2	4.9%	0	.0%	0	.0%	5	12.2%	41	100.0%
	B	6	13.0%	12	26.1%	6	13.0%	3	6.5%	2	4.3%	17	37.0%	46	100.0%
	C	0	.0%	4	16.7%	6	25.0%	1	4.2%	1	4.2%	12	50.0%	24	100.0%
Total		31	27.9%	25	22.5%	14	12.6%	4	3.6%	3	2.7%	34	30.6%	111	100.0%

- Of the 111 classroom MATH-1314 students who received a grade of “C” or better in Fall 2003, 70 students (63%) received grades of “C” or better in MATH-1316 in Spring 2004.

28. Fall 2003 MATH-1314 (distance learning) & Spring 2004 MATH-1425

- No students in this course combination.

29. Fall 2003 MATH-1314 (classroom) & Spring 2004 MATH-1425

		Spring 2004 MATH-1425 grades												Total	
		A		B		C		D		F		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATH- 1314 (classroom) grades	A	7	50.0%	3	21.4%	0	.0%	0	.0%	0	.0%	4	28.6%	14	100.0%
	B	2	15.4%	4	30.8%	3	23.1%	0	.0%	1	7.7%	3	23.1%	13	100.0%
	C	0	.0%	0	.0%	1	11.1%	2	22.2%	1	11.1%	5	55.6%	9	100.0%
Total		9	25.0%	7	19.4%	4	11.1%	2	5.6%	2	5.6%	12	33.3%	36	100.0%

- Of the 36 classroom MATH-1314 students who received a grade of “C” or better in Fall 2003, 20 students (56%) received grades of “C” or better in MATH-1425 in Spring 2004.

30. Fall 2003 MATH-1314 (distance learning) & Spring 2004 MATH-1350

- No students in this course combination.

31. Fall 2003 MATH-1314 (classroom) & Spring 2004 MATH-1350

	Spring 2004 MATH-1350 grades								Total	
		A		B		C		N	%	
		N	%	N	%	N	%			
Fall 2003 MATH-1314 (classroom) grades	A	5	83.3%	1	16.7%	0	.0%	6	100.0%	
	B	2	66.7%	1	33.3%	0	.0%	3	100.0%	
	C	0	.0%	0	.0%	1	100.0%	1	100.0%	
Total		7	70.0%	2	20.0%	1	10.0%	10	100.0%	

- All 10 classroom MATH-1314 students who received a grade of “C” or better in Fall 2003 received grades of “C” or better in MATH-1350 in Spring 2004.

32. Fall 2003 MATH-1350 & Spring 2004 MATH-1351

	Spring 2004 MATH-1351 grades								Total		
		A		B		C		W		N	%
		N	%	N	%	N	%	N	%		
Fall 2003 MATH-1350 grades	A	8	61.5%	3	23.1%	2	15.4%	0	.0%	13	100.0%
	B	3	25.0%	4	33.3%	5	41.7%	0	.0%	12	100.0%
	C	0	.0%	1	33.3%	1	33.3%	1	33.3%	3	100.0%
Total		11	39.3%	8	28.6%	8	28.6%	1	3.6%	28	100.0%

- Of the 28 MATH-1350 students who received a grade of “C” or better in Fall 2003, 27 students (96%) received grades of “C” or better in MATH-1351 in Spring 2004.

33. Fall 2003 MATH-1324 & Spring 2004 MATH-1425

	Spring 2004 MATH-1425 grades											Total			
		A		B		C		D		F		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATH-1324 grades	A	6	60.0%	2	20.0%	1	10.0%	0	.0%	0	.0%	1	10.0%	10	100.0%
	B	0	.0%	2	33.3%	0	.0%	1	16.7%	0	.0%	3	50.0%	6	100.0%
	C	0	.0%	0	.0%	0	.0%	0	.0%	1	14.3%	6	85.7%	7	100.0%
Total		6	26.1%	4	17.4%	1	4.3%	1	4.3%	1	4.3%	10	43.5%	23	100.0%

- Of the 23 MATH-1324 students who received a grade of “C” or better in Fall 2003, 11 students (48%) received grades of “C” or better in MATH-1425 in Spring 2004.

34. Fall 2003 MATH-1425 & Spring 2004 MATH-1476

		Spring 2004 MATH-1476 grades								Total	
		A		B		C		W		N	%
		N	%	N	%	N	%	N	%		
Fall 2003 MATH-1425 grades	A	17	53.1%	9	28.1%	3	9.4%	3	9.4%	32	100.0%
	B	1	20.0%	2	40.0%	1	20.0%	1	20.0%	5	100.0%
	C	0	.0%	0	.0%	2	50.0%	2	50.0%	4	100.0%
Total		18	43.9%	11	26.8%	6	14.6%	6	14.6%	41	100.0%

- Of the 41 MATH-1425 students who received a grade of “C” or better in Fall 2003, 35 students (85%) received grades of “C” or better in MATH-1476 in Spring 2004.

35. Fall 2003 MATH-1316 & Spring 2004 MATH-2412

		Spring 2004 MATH-2412 grades										Total			
		A		B		C		D		F		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATH-1316 grades	A	29	64.4%	9	20.0%	1	2.2%	0	.0%	0	.0%	6	13.3%	45	100.0%
	B	12	29.3%	10	24.4%	6	14.6%	1	2.4%	3	7.3%	9	22.0%	41	100.0%
	C	2	14.3%	4	28.6%	3	21.4%	1	7.1%	0	.0%	4	28.6%	14	100.0%
Total		43	43.0%	23	23.0%	10	10.0%	2	2.0%	3	3.0%	19	19.0%	100	100.0%

- Of the 100 MATH-1316 students who received a grade of “C” or better in Fall 2003, 76 students (76%) received grades of “C” or better in MATH-2412 in Spring 2004.

36. Fall 2003 MATH-2412 & Spring 2004 MATH-2413

		Spring 2004 MATH-2413 grades										Total			
		A		B		C		D		F		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATH-2412 grades	A	19	50.0%	5	13.2%	3	7.9%	0	.0%	0	.0%	11	28.9%	38	100.0%
	B	8	24.2%	11	33.3%	7	21.2%	0	.0%	2	6.1%	5	15.2%	33	100.0%
	C	2	11.8%	3	17.6%	5	29.4%	2	11.8%	0	.0%	5	29.4%	17	100.0%
Total		29	33.0%	19	21.6%	15	17.0%	2	2.3%	2	2.3%	21	23.9%	88	100.0%

- Of the 88 MATH-2412 students who received a grade of “C” or better in Fall 2003, 63 students (72%) received grades of “C” or better in MATH-2413 in Spring 2004.

37. Fall 2003 MATH-2413 & Spring 2004 MATH-2414

		Spring 2004 MATH-2414 grades												Total	
		A		B		C		D		F		W		N	%
		N	%	N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATH-2413 grades	A	46	47.9%	18	18.8%	11	11.5%	1	1.0%	3	3.1%	17	17.7%	96	100.0%
	B	4	10.3%	14	35.9%	10	25.6%	0	.0%	0	.0%	11	28.2%	39	100.0%
	C	0	.0%	3	15.0%	5	25.0%	1	5.0%	2	10.0%	9	45.0%	20	100.0%
Total		50	32.3%	35	22.6%	26	16.8%	2	1.3%	5	3.2%	37	23.9%	155	100.0%

- Of the 155 MATH-2413 students who received a grade of “C” or better in Fall 2003, 111 students (72%) received grades of “C” or better in MATH-2414 in Spring 2004.

38. Fall 2003 MATH-2414 & Spring 2004 MATH-2415

		Spring 2004 MATH-2415 grades												Total	
		A		B		C		D		W		N	%		
		N	%	N	%	N	%	N	%	N	%				
Fall 2003 MATH-2414 grades	A	34	56.7%	13	21.7%	7	11.7%	1	1.7%	0	.0%	5	8.3%	60	100.0%
	B	25	61.0%	3	7.3%	4	9.8%	4	9.8%	2	4.9%	3	7.3%	41	100.0%
	C	31	81.6%	0	.0%	2	5.3%	5	13.2%	0	.0%	0	.0%	38	100.0%
Total		90	64.7%	16	11.5%	13	9.4%	10	7.2%	2	1.4%	8	5.8%	139	100.0%

- Of the 139 MATH-2414 students who received a grade of “C” or better in Fall 2003, 119 students (86%) received grades of “C” or better in MATH-2415 in Spring 2004.

39. Fall 2003 MATH-2414 & Spring 2004 MATH-2420

		Spring 2004 MATH-2420 grades										Total	
		A		B		C		D		W		N	%
		N	%	N	%	N	%	N	%	N	%		
Fall 2003 MATH-2414 grades	A	4	50.0%	2	25.0%	1	12.5%	0	.0%	1	12.5%	8	100.0%
	B	0	.0%	1	20.0%	2	40.0%	0	.0%	2	40.0%	5	100.0%
	C	0	.0%	2	50.0%	0	.0%	1	25.0%	1	25.0%	4	100.0%
Total		4	23.5%	5	29.4%	3	17.6%	1	5.9%	4	23.5%	17	100.0%

- Of the 17 MATH-2414 students who received a grade of “C” or better in Fall 2003, 12 students (71%) received grades of “C” or better in MATH-2420 in Spring 2004.

40. Fall 2003 MATH-2415 & Spring 2004 MTH-2254

		Spring 2004 MTH-2254 grades				Total	
		C		W		N	%
		N	%	N	%		
Fall 2003 MATH-2415 grades	A	0	.0%	0	.0%	0	.0%
	B	1	33.3%	2	66.7%	3	100.0%
	C	0	.0%	0	.0%	0	.0%
Total		1	33.3%	2	66.7%	3	100.0%

- Of the three MATH-2415 students who received a grade of “C” or better in Fall 2003, one student received a grade of “C” or better in MTH-2254 in Spring 2004.