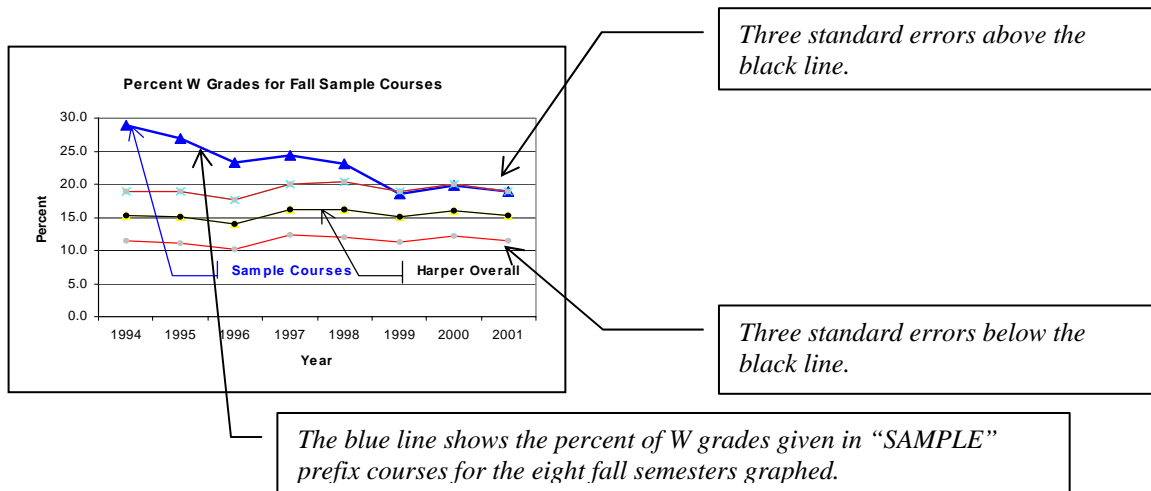


Semester Level Grade Distributions
with Graphs for
MCM Prefix Courses

*Prepared by the Office of Research
Teaming to Serve the Research Needs of the College
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The page that follows provides grade distributions for the past ten summer, fall, and spring semesters, which contains six graphs showing the percent F and W grades awarded students taking courses with the specified prefix. Each grade graph has a black line representing the overall Harper percent of students (excluding AED courses) receiving that grade. Each grade graph also has two red lines representing three course prefix standard errors above and below the black line. The percent line for the specified prefix is blue. An annotated sample graph is provided below.

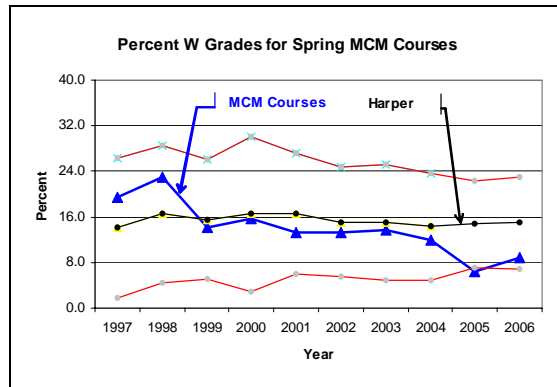
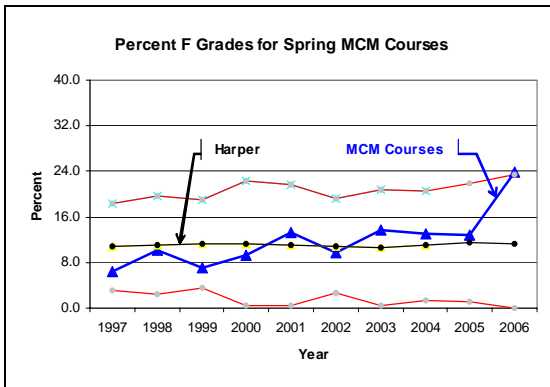
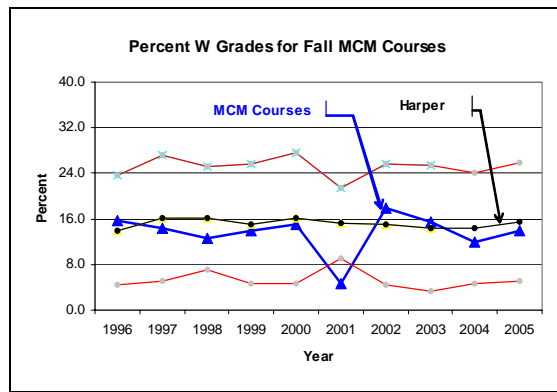
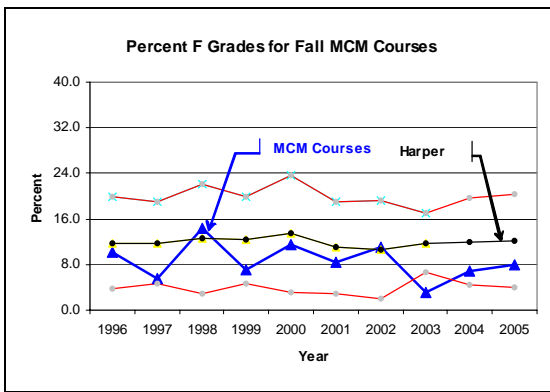
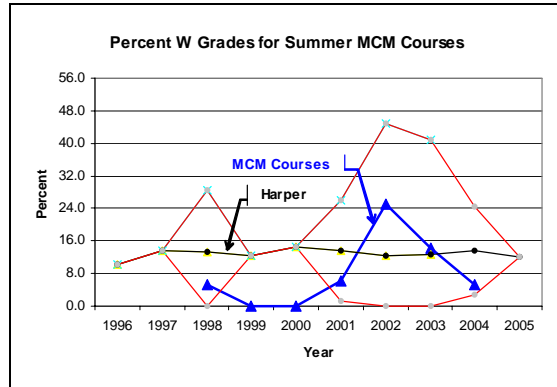
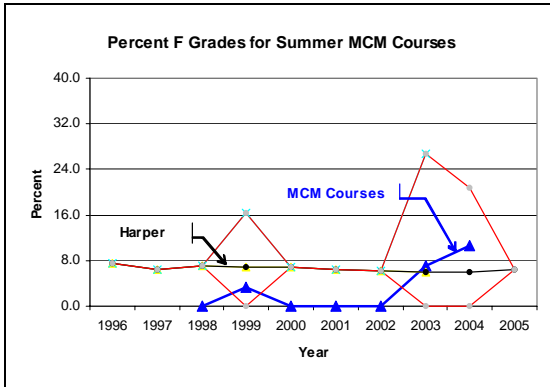


Generally, the blue line should stay between the two red lines with some points above the black line and some points below the black line. Blue points that are above the top red line represent percents that are significantly above the overall Harper percent ($p < .01$). Similarly, blue points that are below the bottom red line represent percents that are significantly below the overall Harper percent ($p < .01$).

If the graphs on the following pages show several “blue” points above the top red line or below the bottom red line, further investigation may be warranted. In the sample graph, most of the blue points are above the top red line. This indicates an excessive number of W’s were issued for courses with the “SAMPLE” prefix. When all the blue points are below the black line the percent is consistently on the low side; similarly, when all the blue points are above the black line the percent is consistently on the high side.

The last page includes tables giving the total number of all grades given for each year, the percent of each grade type (%A, %B, %C, %D, %F, %W) graphed and its standard error (SE), and another grade labeled “O.” O grades are other types of grades (audit, transfer credit, pass, incomplete, and so forth). Typically there are very few O grades.

Grade Distributions for MCM Prefix Courses by Semester



Total N of MCM Students and Percent Earning Each Grade with Standard Error (SE)

Summer	N	%A	SE	%B	SE	%C	SE	%D	SE	%F	SE	%W	SE	%O	SE
1996	0														
1997	0														
1998	19	78.9	9.4	10.5	7.0	5.3	5.1	0.0	0.0	0.0	0.0	5.3	5.1	0.0	0.0
1999	31	48.4	9.0	35.5	8.6	12.9	6.0	0.0	0.0	3.2	3.2	0.0	0.0	0.0	0.0
2000	18	61.1	11.5	33.3	11.1	5.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	33	51.5	8.7	27.3	7.8	15.2	6.2	0.0	0.0	0.0	0.0	6.1	4.2	0.0	0.0
2002	16	37.5	12.1	25.0	10.8	12.5	8.3	0.0	0.0	0.0	0.0	25.0	10.8	0.0	0.0
2003	14	64.3	12.8	7.1	6.9	7.1	6.9	0.0	0.0	7.1	6.9	14.3	9.4	0.0	0.0
2004	38	50.0	8.1	31.6	7.5	2.6	2.6	0.0	0.0	10.5	5.0	5.3	3.6	0.0	0.0
2005	0														

Fall	N	%A	SE	%B	SE	%C	SE	%D	SE	%F	SE	%W	SE	%O	SE
1996	128	25.0	3.8	25.8	3.9	18.8	3.4	4.7	1.9	10.2	2.7	15.6	3.2	0.0	0.0
1997	91	38.5	5.1	24.2	4.5	13.2	3.5	4.4	2.1	5.5	2.4	14.3	3.7	0.0	0.0
1998	119	26.9	4.1	33.6	4.3	10.9	2.9	1.7	1.2	14.3	3.2	12.6	3.0	0.0	0.0
1999	100	32.0	4.7	31.0	4.6	15.0	3.6	1.0	1.0	7.0	2.6	14.0	3.5	0.0	0.0
2000	87	46.0	5.3	19.5	4.3	8.0	2.9	0.0	0.0	11.5	3.4	14.9	3.8	0.0	0.0
2001	106	44.3	4.8	29.2	4.4	9.4	2.8	3.8	1.9	8.5	2.7	4.7	2.1	0.0	0.0
2002	118	33.9	4.4	25.4	4.0	9.3	2.7	2.5	1.4	11.0	2.9	17.8	3.5	0.0	0.0
2003	97	33.0	4.8	30.9	4.7	11.3	3.2	5.2	2.2	3.1	1.8	15.5	3.7	1.0	1.0
2004	101	37.6	4.8	31.7	4.6	9.9	3.0	2.0	1.4	6.9	2.5	11.9	3.2	0.0	0.0
2005	100	27.0	4.4	27.0	4.4	15.0	3.6	9.0	2.9	8.0	2.7	14.0	3.5	0.0	0.0

Spring	N	%A	SE	%B	SE	%C	SE	%D	SE	%F	SE	%W	SE	%O	SE
1997	93	36.6	5.0	25.8	4.5	9.7	3.1	2.2	1.5	6.5	2.5	19.4	4.1	0.0	0.0
1998	109	37.6	4.6	22.9	4.0	3.7	1.8	2.8	1.6	10.1	2.9	22.9	4.0	0.0	0.0
1999	99	46.5	5.0	21.2	4.1	8.1	2.7	3.0	1.7	7.1	2.6	14.1	3.5	0.0	0.0
2000	64	45.3	6.2	20.3	5.0	7.8	3.4	1.6	1.6	9.4	3.6	15.6	4.5	0.0	0.0
2001	91	37.4	5.1	22.0	4.3	14.3	3.7	0.0	0.0	13.2	3.5	13.2	3.5	0.0	0.0
2002	113	42.5	4.7	20.4	3.8	11.5	3.0	2.7	1.5	9.7	2.8	13.3	3.2	0.0	0.0
2003	103	36.9	4.8	24.3	4.2	10.7	3.0	1.0	1.0	13.6	3.4	13.6	3.4	0.0	0.0
2004	108	37.0	4.6	24.1	4.1	11.1	3.0	2.8	1.6	13.0	3.2	12.0	3.1	0.0	0.0
2005	93	33.3	4.9	34.4	4.9	10.8	3.2	0.0	0.0	12.9	3.5	6.5	2.5	2.2	1.5
2006	113	26.5	4.2	21.2	3.8	13.3	3.2	6.2	2.3	23.9	4.0	8.8	2.7	0.0	0.0

*Harper overall percent plus/minus three standard errors form the red lines on the graphs. MCM percents within the red lines are not significantly different from the overall Harper percent at the .01 level of significance.