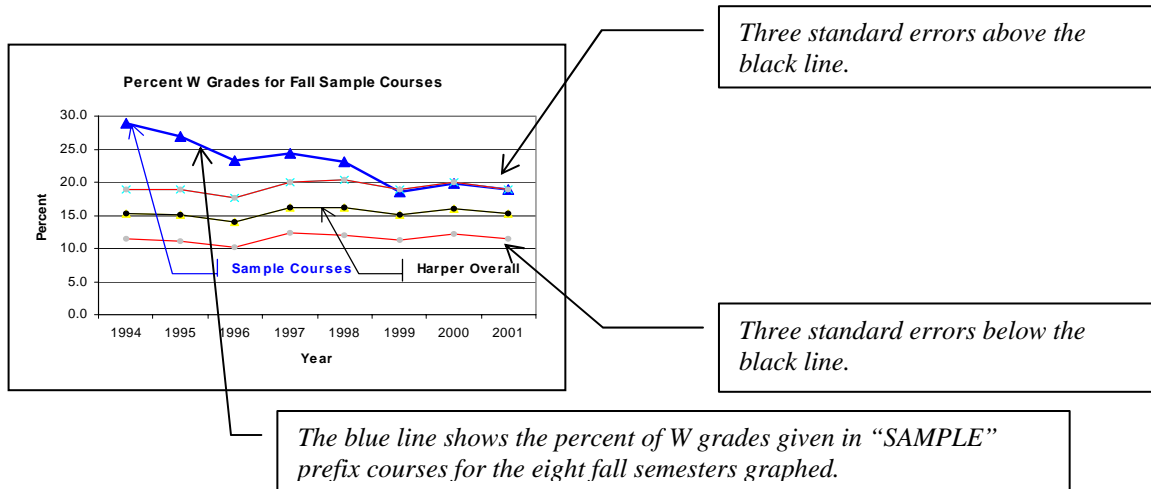Semester Level Grade Distributions
with Graphs for
CIS Prefix Courses

Prepared by the Office of Research
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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.
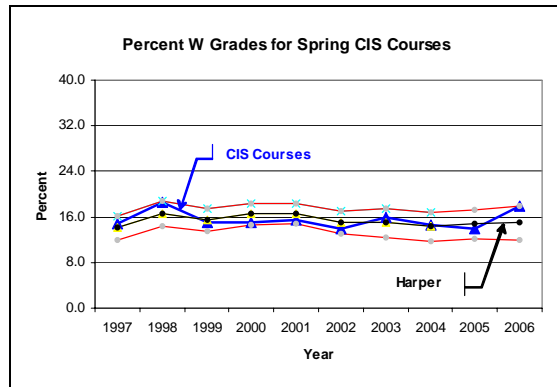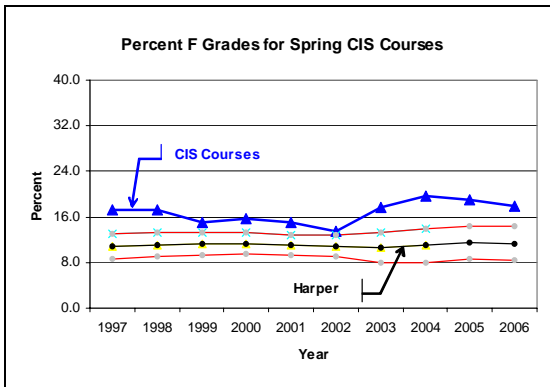

Three standard errors above the black line.

Percent W Grades for Fall Sample Courses

Percent

Sample Courses   Harper Overall

Year

Three standard errors below the black line.

The blue line shows the percent of W grades given in "SAMPLE" prefix courses for the eight fall semesters graphed.
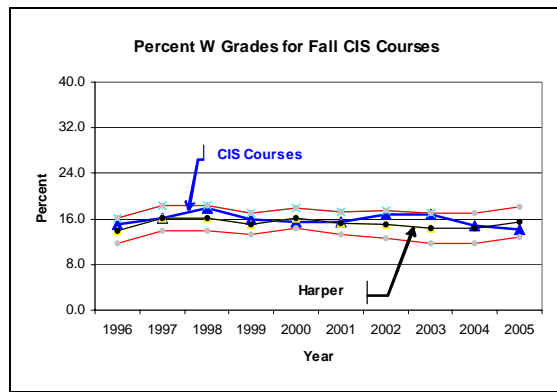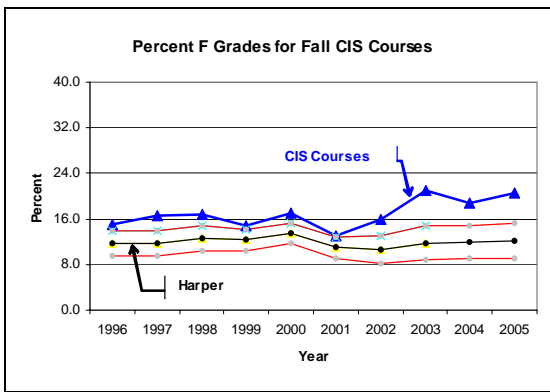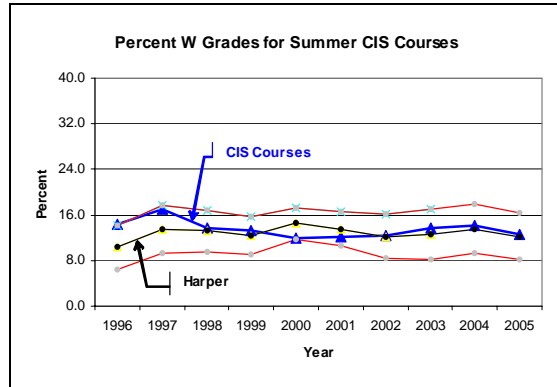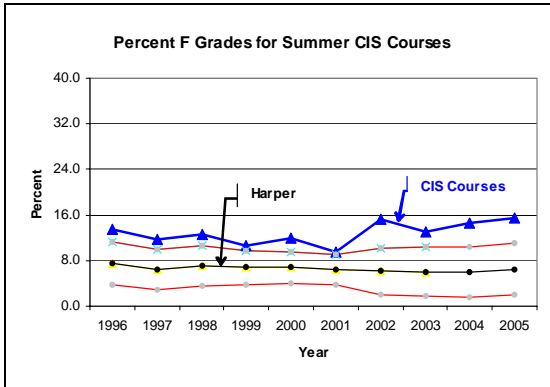
Generally, the blue line should stay between the two red lines with some points above the black line and some points below the black line. Blue points that are above the top red line represent percents that are significantly above the overall Harper percent ($p < .01$). Similarly, blue points that are 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 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 CIS Prefix Courses by Semester

Percent F Grades for Summer CIS Courses

Percent W Grades for Summer CIS Courses

Percent F Grades for Fall CIS Courses

Percent W Grades for Fall CIS Courses

Percent F Grades for Spring CIS Courses

Percent W Grades for Spring CIS Courses

Total N of CIS 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	752	42.0	1.8	19.9	1.5	7.8	1.0	2.3	0.5	13.6	1.2	14.4	1.3	0.0	0.0
1997	732	43.9	1.8	16.4	1.4	8.5	1.0	2.5	0.6	11.7	1.2	17.1	1.4	0.0	0.0
1998	811	41.7	1.7	20.6	1.4	9.1	1.0	2.2	0.5	12.6	1.2	13.7	1.2	0.1	0.1
1999	976	42.9	1.6	22.2	1.3	8.5	0.9	2.3	0.5	10.7	1.0	13.3	1.1	0.1	0.1
2000	1237	44.6	1.4	21.4	1.2	8.2	0.8	1.9	0.4	12.0	0.9	11.9	0.9	0.0	0.0
2001	1093	43.5	1.5	23.3	1.3	9.0	0.9	2.3	0.5	9.5	0.9	12.2	1.0	0.2	0.1
2002	685	42.5	1.9	19.1	1.5	8.3	1.1	2.5	0.6	15.2	1.4	12.4	1.3	0.0	0.0
2003	541	44.4	2.1	17.9	1.6	9.1	1.2	1.8	0.6	13.1	1.5	13.7	1.5	0.0	0.0
2004	581	41.0	2.0	18.2	1.6	11.0	1.3	1.0	0.4	14.6	1.5	14.1	1.4	0.0	0.0
2005	590	44.2	2.0	16.9	1.5	8.1	1.1	2.7	0.7	15.4	1.5	12.5	1.4	0.0	0.0

Fall	N	%A	SE	%B	SE	%C	SE	%D	SE	%F	SE	%W	SE	%O	SE
1996	2272	38.5	1.0	19.1	0.8	9.8	0.6	2.5	0.3	15.0	0.7	15.1	0.8	0.1	0.1
1997	2483	36.9	1.0	17.8	0.8	9.9	0.6	2.7	0.3	16.6	0.7	16.0	0.7	0.0	0.0
1998	2769	36.0	0.9	17.7	0.7	8.6	0.5	2.9	0.3	16.7	0.7	17.9	0.7	0.3	0.1
1999	3092	39.1	0.9	18.4	0.7	9.0	0.5	2.8	0.3	14.8	0.6	15.8	0.7	0.1	0.0
2000	3888	36.0	0.8	18.3	0.6	9.9	0.5	3.4	0.3	16.9	0.6	15.5	0.6	0.0	0.0
2001	3146	39.3	0.9	18.8	0.7	9.8	0.5	3.7	0.3	12.9	0.6	15.6	0.6	0.0	0.0
2002	2071	33.8	1.0	18.9	0.9	10.4	0.7	4.0	0.4	15.9	0.8	16.9	0.8	0.1	0.1
2003	1757	31.8	1.1	16.7	0.9	9.3	0.7	4.4	0.5	21.0	1.0	16.7	0.9	0.1	0.1
2004	1642	35.4	1.2	17.5	0.9	10.4	0.8	3.0	0.4	18.8	1.0	14.9	0.9	0.0	0.0
2005	1501	34.6	1.2	17.0	1.0	9.8	0.8	3.9	0.5	20.5	1.0	14.1	0.9	0.1	0.1

Spring	N	%A	SE	%B	SE	%C	SE	%D	SE	%F	SE	%W	SE	%O	SE
1997	2551	39.5	1.0	17.2	0.7	8.7	0.6	2.3	0.3	17.2	0.7	14.9	0.7	0.1	0.1
1998	2766	36.1	0.9	17.5	0.7	7.9	0.5	2.5	0.3	17.3	0.7	18.7	0.7	0.0	0.0
1999	2940	41.1	0.9	17.7	0.7	8.3	0.5	2.8	0.3	15.0	0.7	15.0	0.7	0.2	0.1
2000	3348	38.3	0.8	19.6	0.7	8.4	0.5	2.7	0.3	15.7	0.6	15.1	0.6	0.3	0.1
2001	3670	38.2	0.8	19.0	0.6	9.3	0.5	3.1	0.3	14.9	0.6	15.4	0.6	0.0	0.0
2002	2748	39.5	0.9	19.6	0.8	10.0	0.6	3.4	0.3	13.4	0.7	14.0	0.7	0.1	0.1
2003	1879	35.8	1.1	18.3	0.9	9.0	0.7	3.1	0.4	17.8	0.9	15.9	0.8	0.1	0.1
2004	1712	35.9	1.2	18.7	0.9	8.6	0.7	2.4	0.4	19.7	1.0	14.6	0.9	0.1	0.1
2005	1675	38.0	1.2	17.1	0.9	9.1	0.7	3.0	0.4	19.0	1.0	13.9	0.8	0.0	0.0
2006	1537	34.7	1.2	15.7	0.9	10.3	0.8	3.4	0.5	17.8	1.0	17.9	1.0	0.1	0.1

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