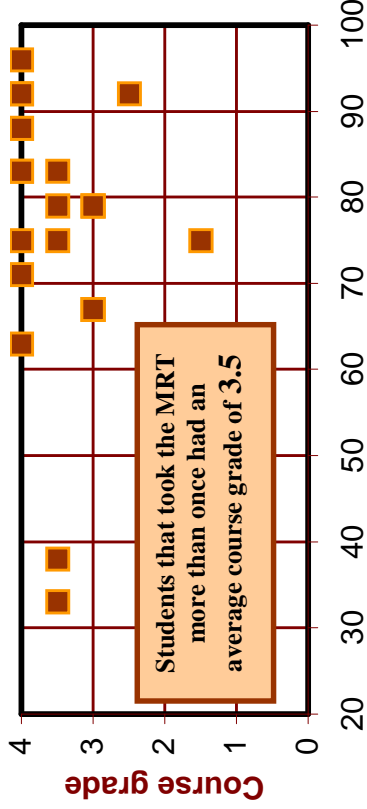


Results of the Mechanics Readiness Program at UNL

Average student performance on the Mechanics Readiness Test (MRT) and its correlation to course grade:

Course performance of students taking the MRT more than once (EM 223, Fall 97, all sections)



Highest MRT score (%)

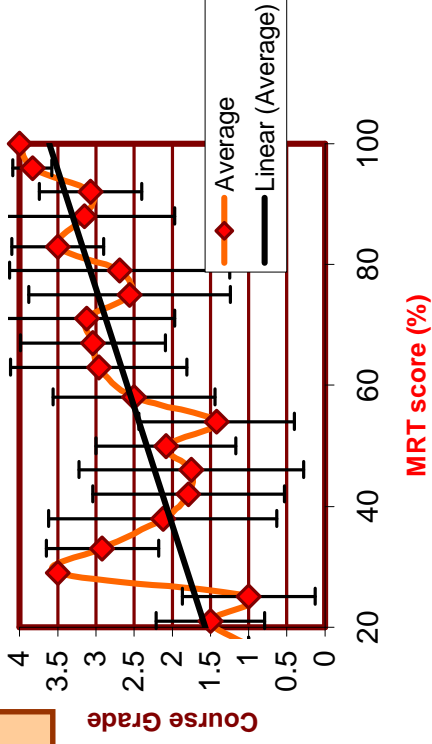
Average overall performance on the MRT has improved from 1997-98 to 1998-99 Academic years:

	1997-98	1998-99
EM220	51%	62%
EM 223	62%	76%

Improvement of up to 68% on the MRT for students that took the test multiple times

There is a correlation between the MRT score and final course grade in Statics

EM 223 Fall 97/Spring98
Course Grade vs. Highest grade on Mechanics Readiness Test (MRT)



Results of the Mechanics Readiness Test for the 1997-98 and 1998-99 Academic Years

Course	EM220 1997-98			EM223 1997-98			EM250 1997-98		
	Fall	Spring	No. of tests administered	Fall	Spring	No. of tests administered	Fall	Spring	No. of tests administered
First time for all	No 56	Grade 41.6	52	No 92	Grade 53.4	79	No 22	Grade 76.5	37
Final time for all	No 56	Grade 47.0	52	No 92	Grade 56.7	79	No 22	Grade 81.9	37
First time for multi-users	17	39.5	9	23	53.3	32	8	65.6	8
Second time	17	52.1	9	23	60.3	32	8	72.4	8
Final time for multi-users	17	57.1	9	23	66.3	32	8	80.2	8
Improvement for multi users									
Points in score	17.6	27.0		13.0	21.8				14.6
Percent	45%	68%		24%	41%				22%
Course									
EM220 1998-99									
Semester	Fall	Spring	No. of tests administered	Fall	Spring	No. of tests administered	Fall	Spring	No. of tests administered
No. of tests administered	70	66	344	344	178	23	21	23	23
First time for all	No 49	Grade 56.7	43	No 168	Grade 64.4	79	No 18	Grade 68.75	13
Final time for all	No 49	Grade 64.7	43	No 168	Grade 73.2	79	No 18	Grade 71.76	13
First time for multi-users	14	54.1	12	51.8	80	66.1	46	65.8	4
Second time	14	78.1	12	65.5	80	76.6	46	74.0	4
Final time for multi-users	14	82.1	12	75.6	80	84.8	46	81.5	4
Improvement for multi users									
Points in score	28	23.8		18.7	15.7				27.1
Percent	52%	46%		28%	24%				49%

