Analysis of CTEP Cut-Scores for Advisement into RSCCD Reading Courses, Spring 2004
Compiled by RSCCD Research Department, May 2004

Background

In Fall 2002, Reading Department faculty recommended (in agreement with the CTEP test developers) that scores from both Sections 1 and 3 of the instrument should be used to advise/place students into Reading courses at RSCCD. Data compiled by the Research Department supported this decision and the new plan was put into place in Spring 2003 (for testing into Fall 2003 coursework).

Reading faculty assessed the appropriateness of placement of students who were placed into their Spring 2004 Reading course sections by these new scores (n=422). Those ratings were compared to CTEP scores (n=159) in order to assess the appropriateness of the cut-scores established a year ago. Of the 159 students who have both instructor ratings and CTEP scores, only 121 were placed into their Spring 2004 Reading course based on their score on the CTEP.

Findings

➢ At the current cut-scores, **correct predictions equal 78%.**
➢ An additional 15% were rated by instructors to have been "placed too low" by the CTEP score, but can be categorized as having met the qualifications for the course into which the CTEP placed them (and, therefore, a "correct prediction").
➢ There is a significant correlation between the CTEP 1+3 score and the instructors' rating of appropriateness of placement for Reading 080. The correlation coefficient is not significant for Reading 090, perhaps due to the low sample size, and there is no data available for Reading 100.

Course Placed into by CTEP Score	Appropriate Course Placement Rating by Instructors (via ND Test)			Pearson r with Instructor Rating
	Reading 080	Reading 090	Reading 100	
Reading 080 (n=83)	**66%**	3%	0%	.537*
Reading 090 (n=38)	5%	**12%**	15%	.246

CTEP Score 1+3	Reading 080	Reading 090	Reading 100
7	1		
10	1		
12	1		
14	2		
15	1		
18	1		
19	5		
20	5		
21	2		
22	4		
23	3		
24	3		
25	7	2	
26	3		
27	6		
28	8	1	
29	5		
30	6		
31	5	1	
32	4		
33	3	1	
34	4	1	
35		1	
36	2	3	
37		4	
39	0	1	
41	1	1	
43	1	2	
44		1	
45		1	1
47		1	
54	1		
59		1	1
60			1
62			1
65			1
66			1
TOTAL	85	21	6

Recommendations

- Because of small samples in Reading 090 and Reading 100 courses, it is recommended that cut-scores be examined for several semesters forward.
- At this time, there is no evidence that the cut-scores should be revised.