Preservice Teaching Performance Supporting Evidence

Rater agreement on the student teacher observation rubric, a performance assessment, established how closely the clinical instructor and the college supervisor agree about the student teacher's instructional performance in a classroom setting. The clinical instructor and the college supervisor independently code an observation. If observer's codes agree this is evidence that the coding scheme is objective (i.e. similar coding for both raters). Generally, we want our data to be objective, so it is important to establish that inter-rater reliability is high. The student teaching observation rubric includes an eight-point scale with 1 indicating and 8 indicating. When raters scored a 7 (proficient) or an 8 (proficient) these were coded as agreement because they indicate proficient performance.

Subjectivity in scoring was reduced by using standardized scoring criteria via a student teaching rubric, which is based on the InTASC standards. An increase in objective scoring was achieved by training the clinical instructors and college supervisors to correctly apply scoring rubrics. Scoring rubrics outline the possible scores that an individual could receive on an assessment, and the levels of performance that must be demonstrated for each score to be given.

This coding procedure resulted in the following percentages of agreement for each category (Table 2): (1) curriculum and content 100%, (2) curriculum and content knowledge 90.2%, (3) differentiation 92.5%, (4) student focus 95%, (5) environment 92.5%. (6) professionalism 96.7%, ad (7) student assessment 96.7%.

The lowest rater agreement was in curriculum and content at 90% was high but indicated an area in need of monitoring. We recognize the need to increase absolute agreement therefore; we will increase our training opportunities to include practice that can be completed online using video lessons with follow-up virtual meetings to discuss scoring agreement.

Table 1: Scoring Protocol for Student Teaching Final Evaluation Rubric

	8 7	6 5	4 3	2 1
Sample performance indicators: Examples of teacher work conducted in the performance of the standard may include, but are not limited to:	**Proficient** Effective performance independently	**Satisfactory** Performs well with assistance	**Developing** Requires additional support	**Unsatisfactory** Unsuccessful performance

Table 2. Rater agreement and means by rater role for student teaching final evaluations combined items and subcategories

Categories		Means	
	Percent Agreement	CI	CS
All items	94.8%	7.72	7.63
Instruction & Subject Knowledge	100%	7.87	7.72
Instructional Planning	90.2%	7.6	7.45
Active Learning & Differentiation	92.5%	7.63	7.68
Expectations and Assessment	95.0%	7.6	7.55
Cultural Competence & Environment	92.5%	7.7	7.67
Professionalism	96.67%	7.96	7.83
Sets & Measures Learning Goals	96.67%	7.7	7.6