

Bethel College

Cumulative Data 2018-19 Program Graduates (First-year teachers in Fall 2019)

Mean Difference Pre- and Post-test Scores	31.48
N (Student Population)	40
Standard Deviation of Difference	53.7424
Standard Error of Difference	8.497
t-score	3.705102

Critical Values of t (Paired t-test)

Degrees of Freedom (N-1)	Significance Level 0.05	Significance Level 0.01	Population t-score	Stat Significant?
30	2.042	2.75		
39		2.7086	3.7051	yes, because ≥ 2.7086
40	2.021	2.704		