1035-97-1263 Susanna S. Epp\* (sepp@condor.depaul.edu). Helping Students Cross the Bridge.

After literally decades of working to help students make the transition from computationally-based to proof-based mathematics courses, I am still occasionally surprised by their responses to my questions. Virtually every time I teach the course, I become aware of some new difficulty that students must overcome to be able to work comfortably with mathematical argumentation. In this talk, I will give examples of some recent discoveries, focusing especially on relations between language and logic. (Received September 19, 2007)