## 1067-Z1-1399 Martin E. Flashman\* (flashman@humboldt.edu), Department of Mathematics, Humboldt State University, Arcata, CA 95521. Two Different Approaches to Getting Students Involved in Writing Proofs. Preliminary report.

The author will present two different approaches he has used to engage students in developing and editing proofs- both important aspect of the art of writing. First is making a systematic analysis of a given proof to understand alternatives in style of presentation. The second is the use of "proofs without words" for exercises in transforming nonverbal thoughts and arguments into readable verbal presentations of the related argument or "proof." (Received September 20, 2010)