

Meeting: 1003, Atlanta, Georgia, MAA CP X1

1003-X1-1205 **Cornelius Nelan*** (cornelius.nelan@quinnipiac.edu), CLA 3, Quinnipiac University, Hamden, CT 06518. *Getting Pre-service Mathematics Teachers to Learn and Use the Vocabulary of Mathematics.*

For the past seven summers I have taught a class for pre-service middle and secondary mathematics teachers entitled: "Issues in Pre-College Mathematics Education." The course is about the language of mathematics; we learn about the difference between an axiom and a definition, for instance. We also ask the prospective to question their understanding of such concepts as 'slope' and 'absolute value'. Students are encourage to fully understand the vocabulary of mathematics and to use it correctly. We also develop strategies for getting middle and secondary students to learn the vocabulary of mathematics and to convince such students of the importance of learning vocabulary. (Received October 04, 2004)