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A S Elkhader* (elkhadea@northern.edu), Department of Sciences and Mathematics, Northern State University, Aberdeen, SD 57401. *Examples on the use of communications in teaching college algebra as an honors course.*

This presentation will focus on how communicating mathematics, in written as well as oral forms, was used in classroom teaching of college algebra as an honors course at Northern State University. The presenter will share numerous practices that would enhance students understanding, appreciation of mathematics, and communication. Among such examples is solving algebraic problems without using any symbolic notations, using Internet search in the history and development of new mathematical notations, discussing the effect of modifying certain parameters in mathematical models that depict social issues, and finally examples on the casual use of mathematics in some newspaper articles as well as national and regional advertisements (Received September 17, 2012)