

1077-O5-210 **Katrina M Palmer*** (palmerk@appstate.edu), Appalachian State University, Mathematical Sciences, Walker Hall, 121 Bodenheimer Dr., Boone, NC 28608. *Using SmartPens to Facilitate Math Communication Online.*

This presentation will describe how smartpens were used for an online computational math course. The instructor used smartpens to create mini lectures and to show students examples and thorough solutions. In addition, each student was provided a smartpen and expected to use their smartpen to post solutions and comment on other student solutions. Examples shown will be related to root-finding methods, computational integration techniques, and Taylor polynomials. The focus of the talk, however, will be how smart pens were used in an online course. Student feedback about the course and smartpens will be given. (Received August 12, 2011)