

1077-N1-1899 **Jennifer A Czocher*** (czocher.1@osu.edu) and **Jenna Tague** (tague.6@osu.edu). *Smartpen Technology as an Instructional Medium*. Preliminary report.

A "pencast," an interactive video of written material, was used to digitize and update curriculum materials for an introductory course on differential equations. Solutions to selected problems and examples were written out by hand and simultaneously explained verbally by the course professor. The students then accessed the pencasts at their own convenience. The report will focus on the students' reception of the instructional medium used and on our own challenges we faced when developing and implementing the pencasts in mathematics courses for engineering students. (Received September 21, 2011)