

1035-Y1-1616      **Kyle Riley\*** ([Kyle.Riley@sdsmt.edu](mailto:Kyle.Riley@sdsmt.edu)), Dept. of Math & CS, SDSM&T, 501 East Saint Joseph Street, Rapid City, SD 57701-3995, and **Jill Trimble** ([Jill.Trimble@sdsmt.edu](mailto:Jill.Trimble@sdsmt.edu)), Dept of Math & CS, SDSM&T, 501 East Saint Joseph Street, Rapid City, SD 57701-3995. *Tablet PC as a Gateway to Calculus*. Preliminary report.

The South Dakota School of Mines & Technology recently initiated a Tablet PC program where all full-time first year and second year students are required to lease a Gateway M 285 Tablet PC. The Tablet PC is currently required for all sections of Calculus 1 and Calculus 2 and the department has established a few basic skills in Maple as learning outcomes for both courses. The Tablet PC program continues to offer both interesting opportunities and unique challenges related to the learning mathematics. This talk will survey a few insights we have gathered in regards to the use of a few commercial software products that are packaged with our Tablet PC. A few specific tools would include: Maple, Microsoft Office OneNote, Windows Journal, and DyKnow. (Received September 20, 2007)