

1135-VI-2119 **Michelle Richard-Greer*** (michelle.richard-greer@sdsmt.edu) and **Debra Bienert**
(debra.bienert@sdsmt.edu). *South Dakota School of Mines Math Initiative: Part One.*

It has been the experience of the South Dakota School of Mines & Technology (SDSM&T) that success in mathematics will give students the foundation necessary to succeed in their academics and, ultimately, to graduate as engineers and scientists. To facilitate greater success in mathematics and increase student retention, SDSM&T has initiated a program that addresses proficiency in mathematics on several levels. Various strategies have been used over the summer and during the academic year. During summer break, the *Mathspark* program SDSM&T used online resources to keep students engaged. During the semester, the university used supplemental instruction, recitation, and gateways to assist students with their learning. This presentation is part one: the summer program. (Received September 25, 2017)