

1106-VE-379 **Robert Hunt*** (rhunt@olemiss.edu), The University of Mississippi, Department of Mathematics, 305 Hume Hall, University, MS 38677. *Overcoming the Impact of Reduced Funding Through Course Redesign.*

Between 2008 and 2013 Mississippi higher education funding has been reduced by over 26% per FTE. At the same time, enrollment at the University has increased 42%. In this presentation, the speaker will discuss how the Mathematics Department has overcome funding reductions through redesign with technology and how the lab component has accommodated more students without the increased need for instructors.

The redesign of these courses helps ensure consistency across sections and supports graduate students that are teaching for the first time. Additionally, the course coordinator has more time to address any issues that might arise. Instructors are now able to spend more time teaching and working with students instead of creating assignments or record keeping. Attendance tracking is completely automated as well as grade calculations. The Mathematics Lab component of these courses allows students to receive help much more quickly and easily than having to find time to meet with their instructor.

Information will be presented about the structure of the redesigns and the implementation of technology. Results from the successful redesign and future plans will also be presented. (Received August 26, 2014)