

1106-VT-1308 **Lake Ritter*** (lr Ritter@spsu.edu), SPSU: Department of Mathematics, 1100 S. Marietta Pkwy, Marietta, GA 30060. *Teaching Calculus II in modular format to increase student success*. Preliminary report.

Calculus II can serve as a significant gateway course for science and engineering programs. Unfortunately, it's frequently a course in which weakness in mathematical foundation can derail student progress towards a degree. In this talk, we present a modular course structure being tested at Southern Polytechnic State University in Calculus II. The principal characteristic of the course structure is frequent assessment with ongoing opportunity for students to participate in revision activities. The revision activities serve the critical function of keeping students from falling behind. But it may help to increase student confidence and to allay grade related fear without sacrificing academic standards. The course to be discussed is a traditional, four credit hour, face-to-face course with revision using an online learning management system. The basic structure can easily be adapted to online or hybrid courses as well as for use in other college mathematics classes. (Received September 12, 2014)