

**Meeting:** 1003, Atlanta, Georgia, MAA CP V1, MAA Session on Research on the Teaching and Learning of Undergraduate Mathematics, I

1003-V1-1190      **Cornelius Nelan\*** ([cornelius.nelan@quinnipiac.edu](mailto:cornelius.nelan@quinnipiac.edu)), CLA 3, Quinnipiac University, Hamden, CT 06518. *Teaching an ON-Line Business Calculus Course.*

A Business Calculus class usually contains a number of people who are math-phobic or just outright dislike mathematics. Many of the students need a human teacher to motivate them and to explain concepts they cannot learn on their own. To teach such a course on-line is very daunting to say the least, but I have taught such a course for the past two summers using Blackboard. It is necessary to make creative use of discussion boards, group work, and animations to make this work. Most students have trouble reading mathematical text and thus it is important to provide alternate sources of instruction to the textbook. It is also necessary to have both a proctored midterm and final. I will talk about the organization of the course, grading, and the various blackboard features that make it easier to present the material. We will hopefully be able to login and see how the coursesite is set-up. (Received October 04, 2004)