

1077-O5-2912 **Sarah L Mabrouk*** (smabrouk@framingham.edu), Framingham State University, 100 State Street, PO Box 9101, Framingham, MA 01701-9101. *“Elluminate-ing” Online Course Meetings.*

Since summer 2005, I have taught sixteen sections of introductory statistics online. One factor which most affects how students approach the course is their having taken an online course in another discipline. This results in their having low expectations regarding course workload since, for many online courses, discussion postings involve personal opinion rather than analysis and the course grade is determined by discussion postings and a collaborative project or research paper. However, this is not the case, nor should it be, for an online mathematics course. Learning mathematics requires exploring and applying concepts and methods to a variety of problems at various levels of difficulty as well as in real applications. So, working together online, just as in the traditional face-to-face classroom environment, necessitates interaction and collaboration to facilitate exploring and learning concepts, development of theories, and application of methods: this can be accomplished using discussion forums, virtual chat and virtual classroom environments, and tools such as Elluminate Live! for online course meetings. In this presentation, I will discuss my use of such tools in teaching statistics online, the benefits of the use of these tools for student learning, and student reaction. (Received September 22, 2011)