Effectiveness of online lectures in a first year mathematics unit

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There has been a considerable amount of literature examining the student response to online lectures in mathematics. Fewer papers, however, consider the effectiveness of online lectures as a vehicle for enhancing student success in mathematics. In this presentation we examine the results of a study done to determine the effectiveness of online lectures in a first year mathematics unit. The study involved surveying the students regarding their use of the online lecture material and an analysis of the results of different cohorts of students. Our sample included students who only accessed the lectures online as well as a cohort who attended both the "live" lectures and used the online material as necessary. Using the results of this study, student feedback, and our own reflections we will discuss some conclusions that can be drawn from this investigation.