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**Denise J LeGrand\*** ([djlegrand@ualr.edu](mailto:djlegrand@ualr.edu)), UALR, Dept of Math & Statistics, 2801 S University Ave, Little Rock, AR 72204. *Full Speed Ahead with a Tablet PC*. Preliminary report.

Making an online class match up to its traditional face to face class continues to be a challenge in today's technological world, especially for mathematics. At UALR we have placed all of the mathematics degree courses online. The many uses of the tablet PC for online courses will be the main focus of this paper. From producing "no cost" video lectures, notes, online tutoring and Maple projects to marking and grading assignments and providing exam solutions I will show how we use the tablet PC to its best advantage. "Videos" are produced through screen capture and free software along with the notes for each lecture. They can then be immediately uploaded to the web. Maple projects are submitted via email and then graded directly on the tablet and returned for feedback. Online quiz solutions are written on the tablet and posted into WebCT. The benefit to our online students and the ease of which all of this is done is an important factor in developing and implementing an online mathematics course. (Received August 21, 2006)