

1035-T1-1353 **Wiebke S. Diestelkamp*** (wiebke@udayton.edu), University of Dayton, 300 College Park,
Dayton, OH 45469-2316, and **Karen A. Eckberg**. *Statistical consulting for a local high
school*. Preliminary report.

In 2006, a local, non-traditional high school posed the following question: Is the adaptive online test the school is using to assess their students' skill levels in various subjects a useful tool in predicting a student's success on the Ohio Graduation Test? The project was taken on by a mathematics student at the University of Dayton. She had to decide on the appropriate statistical tools and sift through data to decide what constituted relevant information. In addition to writing an academic thesis, she also had to communicate with the client. In the process, she acquired skills she probably would not have obtained in a traditional mathematics or statistics class. (Received September 19, 2007)