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Karsten K. Schmidt* (kschmidt@fh-sm.de), Faculty of Business and Economics, Schmalkalden University of Applied Sciences, Blechhammer, 98574 Schmalkalden, Germany. *An Evaluation of Students' Experiences in a Technology-based Linear Algebra Course*. Preliminary report.

The Schmalkalden University Faculty of Business and Economics has changed its introductory linear algebra course: it is no longer given in a traditional classroom setting (using blackboard, overhead projector, and pocket calculators) but in the PC lab (one or two students in front of a PC, teacher's PC connected to a projector), where a Computer Algebra System (CAS) is available throughout the semester. The faculty's CAS license also covers the private PCs of the students such that they can use the software at no charge at home as long as they are enrolled at our faculty. Students also have access to the CAS during the final exam in the PC lab (here, naturally, only one student per PC). While the course and the examination have taken place in the PC lab for a number of years, it will be the first time that a series of surveys will be carried out (throughout the current academic year) to find out if the students prefer a traditional or a technology-based course, and how well they cope with this technology. Preliminary results from the first survey (October 2010) will be presented. (Received September 05, 2010)