

Technology enhanced learning for actuarial science education

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Like many successful actuarial programs, UW-Madison has recently enjoyed a substantial uptake in student interest in our program. Technology enhanced learning tools provide a new way for students to help themselves to master the classroom material, and to accomplish this at anytime and anywhere they choose.

We categorize learning modules as helping students with (1) software, (2) theory, (3) applications, (4) historical vignettes and (5) practice problems. With applied statistics as our springboard, we will use these tools in other courses, ranging from our introductory probability (Exam P/1) to doctoral level courses. We will integrate other tools, such as the statistical package “R,” into our curriculum. In this presentation, we will provide an introduction to the tools that are available and how they will be used in our classrooms and beyond.