

INTEGRATION OF EXTENSIVE TECHNOLOGY IN A CANADIAN SERVICE STATISTICS COURSE

Wesley Burr, Trent University, Canada
Melissa Van Bussel, Trent University, Canada
Skye Griffith, Trent University, Canada
wesleyburr@trentu.ca

At Trent University (Ontario, Canada) we recently migrated our large first-year undergraduate service course in statistics to a randomization and simulation approach, with mandatory integration of R code and content for all students. In addition, we moved all homework to an online WeBWorK platform with weekly deliverables, and introduced a number of other technological changes, including videos of lectures and tutorials and an online persistent chat system. In this poster, we explore the results of this process, including student feedback, student performance, and general comments from the instructors and TAs for the two sections of the course. We conclude with some hard lessons learned, and some suggestions for any other instructor or institution thinking of implementing any or all of our recent changes.