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**Khairul Islam\*** ([mislam4@emich.edu](mailto:mislam4@emich.edu)), Department of Mathematics, Eastern Michigan University, Ypsilanti, MI. *Technology in Achieving Course Objectives in an Introductory Statistics Course.*

Students taking introductory statistics course usually come from multidisciplinary areas with very little mathematical background and computational abilities. The objective of introductory statistic course is mainly the conceptual understanding of basic statistical techniques and interpretational ability of analytic results. Under these circumstances, examples and activities that reflect real-life applications and the use of an appropriate technology help achieve the course objectives efficiently. In this talk, I will present examples and approaches I found useful while teaching introductory statistics course for more than a dozen of times in face-to-face and hybrid setup. A particular attention will be given on the feasibility of teaching introductory statistics course using large data set by means of a Graphing Calculator, Excel and an open source software R. (Received September 23, 2012)