

1056-F5-2031 **Robin H Lock*** (rlock@stlawu.edu), Dept of Math, CS & Stat, St. Lawrence University,
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We've paid much attention in recent years to improving instruction in introductory applied statistics courses. These efforts produce fewer students with the "worse course ever" reaction of the not too distant past and more who say "that was interesting, fun and even valuable – what's next"? While some disciplines have a well-established sequence of introductory courses, statistics has traditionally focused on just that first course, often leaving the follow up (and even the introduction) to various disciplinary methods courses. That might have sufficed in the days when few students wanted to continue beyond the first course, but (hopefully) those days are getting farther and farther behind us. We need a well-established curriculum and materials for a second course in statistics that will build on the ideas and enthusiasm generated in a good first course in order to attract students, including some of the 100,000+ students taking the AP Statistics exam each year, to further work in the discipline. A small group of statistics educators has been examining this issue for quite a few years and is (finally) putting together some ideas to share on how we might do Stat2. (Received September 22, 2009)