

1137-97-207 **Mark Matthew Maxwell*** (maxwell@math.utexas.edu), 123 Lower Wood Lane, Bastrop, TX
78602. *Advances in Actuarial Mathematics Education.*

The two major North American actuarial accrediting organizations, the Casualty Actuarial Society (CAS) and the Society of Actuaries (SOA) have recently modified their preliminary examination requirements with growing importance of mathematical statistics and predictive analytics.

In addition to specialized content knowledge and problem solving skills, employers would like students to have an understanding of business, computer acumen, and the ability to communicate their work to diverse audiences.

This presentation will focus on how the University of Texas at Austin actuarial classes have changed over the past 10 years. Some advances are technical allowing students to interactively practice their content knowledge and problem solving ability. Most of the changes involve methods of content delivery and student expectations. (Received February 04, 2018)