

1163-97-1370 **Ben Galluzzo*** (bgalluzz@clarkson.edu), Clarkson University, 8 Clarkson Avenue, 5815,
Potsdam, NY 13699. *Math Modeling with Few to No Prerequisites.*

Many college students are aware that mathematics is important in the study of sciences and engineering (if for no other reason than that those majors require so many math courses). However, few know how mathematical models are developed, and even fewer have experience solving problems independent of a mathematical method prescribed by their current course content. In this talk we'll discuss a stand-alone modeling course designed to serve a broad audience. In particular, we'll share the course structure that emphasizes engagement in the modeling process and provides students with a framework for modeling in future academic (and career) endeavors. (Received September 15, 2020)