Nathan Wakefield* (nathan.wakefield@unl.edu), Lincoln, NE 68588. Improving Students Success in First Year Mathematics Courses at the University of Nebraska.

Over the past few years, the Department of Mathematics at the University of Nebraska–Lincoln has taken significant steps to improve student success in introductory mathematics courses. Introductory mathematics courses are taught primarily by graduate students using an active learning method. Common lesson plans and worksheets have been developed and the courses are supervised to ensure continuity across sections. Over the past year, the department experimented by placing undergraduate learning assistants in the classrooms to help facilitate student learning, especially during those portions of class time devoted to group work. Further, the department has developed a graduate-level pedagogy course for first-time instructors. Implementing these reforms has posed some interesting challenges and some significant rewards. The ultimate goal is to improve student success without lowering standards. Preliminary results will be presented. (Received September 08, 2014)