1145-VI-2680   **Kyle L. Golenbiewski*** (`kgolenbiewski@una.edu`). *Strengthening Students' Problem Solving Skills in a Flipped Finite Mathematics Course.*

The Finite Mathematics course at the University of North Alabama serves to introduce students to set theory, probability, counting principles, and statistics among other topics. The course concludes with a summative assessment of a student's ability to apply the techniques learned throughout the semester in the form of a departmental final exam. We present a flipped classroom approach that cultivates students' problem consciousness and discuss the importance of course design in this endeavor. (Received September 25, 2018)