

1125-M5-2515 **T. Alden Gassert*** (thomas.gassert@wne.edu). *Tackling Intro to Proofs at CU Boulder.*

In this presentation, I will share the course materials I created for my Discrete Math (Intro to Proofs) class at the University of Colorado Boulder. Rather than being content driven, my primary goals were for my students to come out of the semester with the ability to communicate mathematics effectively, both orally, and in writing (formal proof). I split class time approximately 50/50 between interactive lecture and group work. My in-class worksheets were focused on reinforcing definitions and helping students outline formal arguments. Homework was a mix of exercises and formal proofs, with mandatory rewrites for the proofs. On top of this, I required that all homework be written in LaTeX; I will share my methods and materials for teaching LaTeX as well.

All my course materials can be found at: http://math.colorado.edu/~thga2182/Discrete_math/16S. (Received September 20, 2016)