

1035-F1-1051 **Anton Betten*** (betten@math.colostate.edu), Colorado State University, Department of Mathematics 1874, Fort Collins, CO 80523. *Introduction to Mathematical Reasoning: A Case Study*. Preliminary report.

I will describe the experiences I had with teaching an experimental course "Introduction to Mathematical Reasoning" at Colorado State University in Fall 07. The purpose of this course was to ease the transition of students to higher mathematics, which primarily meant to enhance their understanding and skills of mathematical workmanship. The need for such a course was acknowledged by several of my colleagues. Some more senior colleagues found that today's students enter college somewhat less prepared than say 15 years ago. The course was an attempt to address this issue. (Received September 18, 2007)