

2018 Summer Research Project - Todd Grundmeier

Project Description : Using Assumptions and Definitions in Proof

This project will look at how well students use definitions and assumptions in an introduction to mathematical proof course. Current literature about mathematical proof will be explored and data will be analyzed from three sections of Math 248. This data will be used to extend previous research related to students use of definitions and assumptions in an inquiry-based mathematical proof course. Participants will be responsible for situating the work in current research, coding proofs and determining how to best present the results that arise from their coding.