

Abstract Submitted
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An Analysis of the Texas Physics Teaching Certification from 2007-2011 KRISTIN HOLZ, Abilene Christian University — I researched pathways to teaching certification under the advisement of Dr. Jess Dowdy of the Abilene Christian University Physics Department. His goal is to observe trends in the data from the state certification database providing information about physics teaching certification in Texas over the last four years. This research centers on the state certification database of information about teaching certification in Texas over the last four years. Within this database, I looked at various types of physics teaching certification tests taken by students from different universities during the years of 2007 through 2011 in order to focus on relationships between various aspects of the state data. I aided in coding this data to organize the information and quantitatively measure certain relationships. I also researched supplemental data to expand my analysis. My hypotheses were developed by searching the literature to incorporate other research performed on Texas physics teaching certification.

Kristin Holz
Abilene Christian University

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