TEXAS A&M UNIVERSITY-SAN ANTONIO

Applied Behavior Analysis

EDBA 5302 Research Methods in ABA Fall 2026: Second 8-Weeks
Oct 13th- Dec 11th 2026

Instructor Information
Instructor: Dr. Jennifer Hines

Course Description
This course covers the research methods used in ABA. Direct and frequent measurement is the foundation for ABA. Students will learn the dimensions by which to measure behavior and to select the most appropriate measurement procedures.
Threats to measurement validity and accurate and reliable measurement are discussed. Students learn about experimental design and graphically display data. Students interpret visual data displays to evaluate the effectiveness of ABA interventions and interpret ABA articles.

Course Corequisite
ABA 5301 Concepts and Principles of ABA

Course Structure
Hybrid with synchronous class on Tuesdays(Section 600), on Thursdays (Section 601) at 5:30-8:15 pm CST

Student Learning Outcomes/Objectives
Upon Completion of the course, the student will be able to:

- Select and use appropriate measurement procedures to measure important student/client behavior.
- Describe validity and reliability of data given school, clinic, and community
- Define interobserver agreement and accurately take interobserver agreement data given relevant operational definitions.
- Describe various single-subject experimental designs.
- Create graphics displays of data given continuous and discontinuous data.
- Interpret visual data displays to determine effectiveness of ABA interventions