

K H A L I D S A I D

Professional Objective

Dedicated educator with 20 years' experience teaching/tutoring at the High School and University level, searching for a mathematics teaching position within a well-respected and education first university. I am seeking the opportunity to share my knowledge and experience, while creating strong work relationships across the university and the local community.

Core Qualifications

- Experience teaching wide range of mathematical topics to include College Algebra, Pre-Calculus Algebra, Linear Algebra, Differential Equations, Geometry, and Calculus series (I, II, and III)
- Capable of writing course curriculum and lesson plans for all level of courses taught
- Experienced researcher with specific focus on the theory of Hardy and Bergman spaces
- 12 years of experience teaching high school advance placement courses, specializing in Calculus
- Experience establishing, mentoring, and coaching high school scholastic teams specializing in mathematics
- Personable nature with students while maintaining professional relationships with coworkers
- Willingness to develop new programs, support community and high school outreach, and engage in university activities

Professional Experience

Math Instructor

Gadsden State Community College • Aug 2021 - Present

- Provide classroom and virtual instruction for multiple courses (Elementary Statistics, Differential Equations, College Algebra, Pre-Algebra)
- Responsible for creation of lesson plans and tests, and graded all materials
- Hold office hours to meet with students regarding their course performance and provide 1:1 assistance with material
- Member of Faculty Senate and Co-Lead of GSCC Mu Alpha Theta Chapter
- Efficient with virtual teaching tools/environments to include MS Teams, Canvas, Blackboard Ultra, MS Stream, Kaltura Media, HonorLock, WebAssign, etc.

Adjunct Instructor

Jacksonville State University • Aug 2020 - May 2021

- Provide classroom and virtual instruction for Pre-Algebra course
- Responsible for creation of lesson plans and tests, and graded all materials
- Hold office hours to meet with students regarding their course performance and provide 1:1 assistance with material

Doctoral Student/Graduate Teaching Assistant

University of Alabama • Aug 2016 - Jul 2020

- Provide classroom instruction for wide range of courses to include Differential Equations, Calculus II, Calculus III, Pre-Calculus Algebra, and Pre-Calculus Trigonometry
- Responsible for creation of lesson plans and tests, and graded all materials
- Hold office hours to meet with students regarding their course performance and provide 1:1 assistance with material
- Provide tutoring services and exam proctoring at Mathematics Technology Learning Center (MTLC)
- Perform classroom observation and evaluation of junior graduate/teaching assistants
- Conduct research in operator theory with specific focus on the theory of Hardy and Bergman spaces

Graduate Teaching Assistant

Jacksonville State University • Aug 2014 - May 2016

- Provided classroom instruction for Intermediate Algebra for Precalculus and Pre-Calculus Algebra
- Responsible for creation of lesson plans and tests, and graded all materials
- Held office hours to meet with students regarding their course performance and provide 1:1 assistance with material
- Provided tutoring services and exam proctoring at Math Lab
- Conducted research on numerical range of sum of two orthogonal projections

Advance Placement Calculus Instructor

Churchill High School • Aug 2006 - June 2012

- Taught advance placement AB/BC Calculus, with classes averaging scores between 3.35 and 4.2
- Planned course syllabus to inform students of material assignments and course requirements
- Responsible for creation of lesson plans and tests, and graded all exams
- Reviewed curriculum currently in use by the school district to determine whether updates were needed
- Sponsored/coached University Interscholastic League (UIL) and Olympiad Mathematic teams
- Honored with Northeast Independent School District Teacher of the Year award in 2010
- During tenure was recognized over 20 times by Summa Cum Laude students during yearly SUMA award ceremony

Geometry and Advance Placement Physics Instructor

Broward High School • Aug 2000 - June 2006

- Planned course syllabus to inform students of material assignments and course requirements
- Responsible for creation of lesson plans and tests, and graded all exams
- Developed physics program and curriculum, increasing program from two to nine classes during tenure
- Sponsored/coached Science Engineering Communication Mathematics and Enrichment (SECME) high school teams
- Selected by State Board of Education to serve on committee responsible for developing the certification exam for future high school physics teachers

EDUCATION

PhD, Mathematics, University Alabama, 2022

Masters, Mathematics, University of Alabama, 2018

Masters, Mathematics, Jacksonville State University, 2016

Bachelor of Science, Electrical Engineering, University of Texas San Antonio, 1999

Memberships

American Statistical Association

American Mathematical Society

Phi Kappa Phi Honor Society

AWARDS

Northeast Independent School District Teacher of the Year, Churchill High School, 2010

The Best Graduate Student Teaching Award, Mathematics Department, University of Alabama 2020