

Katie Popp

Qualifications

Professional experience in the classroom as well as individual tutoring. Energetic, interactive teaching style. Extensive background in mathematics including calculus, linear algebra, and statistics. Well-developed communication skills as well as the ability to express complex ideas in an accessible manner both written and oral. Technical skills and familiarities include:

- Blackboard/ Canvas/ Angel
- Livescribe
- MS Word/PowerPoint/Outlook/Excel
- Minitab
- Data Desk
- Tegrity
- Adobe Captivate

Education

University of Alabama, Tuscaloosa, AL
M.S. Applied Statistics, December 2011

University of Alabama, Birmingham, AL
M.S. Mathematics, December 2006

University of North Alabama, Florence, AL
B.A. Mathematics, May 2005

Experience

University of Alabama in Huntsville, Huntsville, AL. Part-time Lecturer, January 2020-present

■ Taught MA 385 online in spring 2020, 3 sections, fall of 2020, 2 sections, spring 2021, 1 section

Lecturer, August 2016-2019

■ Created online MA 385 course in fall 2019

■ Taught an Independent Study (Introduction to Math Statistics), Probability, and Calculus C, Fall 2018

■ Taught Probability, Calculus C, Calculus B, and Algebra with Applications, Spring 2018

■ Attended the department chair interviewees' presentations and meetings, Spring 2018

■ Created lessons for Trigonometry and Calculus A that had common mistakes, Fall 2017

■ Edited Panopto recordings for the Math Repository, Fall 2017-present

■ Taught Calculus B, Summer 2017

■ Taught Calculus B and Calculus with Applications, Spring 2017

- Taught Calculus A and Calculus B, Fall 2016
 - Proctored for AACTM, February 2017
 - Created Panopto lectures for my classes
 - Created a Math Repository for others to put their Panopto lectures in and to share

- Adjunct Instructor, August 2014-May 2016
 - Taught Pre-Calculus-Trigonometry, Calculus with Applications, Elements of Statistical Analysis, Algebra with Applications, Calculus A
 - Created supplemental examples for my classes using Livescribe pen and paper
 - Worked with former/other students in math classes on new material in office; volunteered in tutoring center
 - Analyzing class data
 - Proctored for the high school math competition, February 2015
 - Assisted with the regional American Mathematical Society conference, March 2015
 - Volunteered in the Math Tutoring Lab

Calhoun Community College, Decatur/Huntsville, AL. Instructor, August 2012-May 2014

- Taught math and statistics classes that include:
 - Calculus I, Pre-Calculus Algebra, Intermediate Algebra, Business Statistics I and II
 - Created a hybrid Business Statistics I class using online lectures made with Doceri
 - Created supplemental examples for my classes using Livescribe pen and paper

University of North Alabama, Florence, AL. Instructor, August 2007-August 2012

- Taught lower level math classes that include:
 - Beginning Algebra, Intermediate Algebra, Math for the Liberal Arts, Finite Mathematics, Pre-Calculus Algebra, Applied Statistics, Learning Community
- Created an online Math for Liberal Arts course and taught it every semester during my time at UNA
 - Worked with former/other students in math classes on the new material
 - Created supplemental online lessons
 - Created Tegrity videos to supplement in class lectures
 - Created interactive lessons using Adobe Captivate for Math for The Liberal Arts (MA 105)
 - Served on faculty committees including:
 - University Committee on Discipline
 - Distance Learning Committee
 - Oversight Committees for MA 100, MA 105, MA 110 (chair), MA 112: worked to standardize final exams
 - Wrote grant proposal for the preparation of the internet class
 - Assisted in local high school math classroom

Prior Experience

ITT Technical Institute, Bessemer, AL. Adjunct Instructor, November 2006-July 2007

- Problem-Solving, Algebra I, Statistics

University of Alabama, Birmingham, AL. Adjunct Instructor, January 2007-May 2007

- Algebra II

Computer Lab Assistant, September 2005-December 2006

- Assisted students with various computer issues and math problems

Community Tutor, September 2005-December 2006

- Tutored high school students in mathematics

University of North Alabama, Florence, AL. Peer Tutor, September 2002-May 2005

- Tutored other undergraduates in math, composition, and chemistry

Computer Lab Assistant, September 2002-May 2005

- Assisted students with computer issues

Coursework Experience

University of Alabama, Tuscaloosa, AL

- Design and Analysis of Experiments
- Statistical Quality Control
- Multivariate Analysis
- Applied Regression Analysis
- Math Statistics I & II
- Statistical Methods

University of Alabama, Birmingham, AL

- Topology I & II
- Partial Differential Equations
- Introduction to Probability
- Complex Analysis
- Advanced Calculus I & II
- Linear Algebra

Professional Memberships & Awards

Mathematical Associations of America

Phi Kappa Phi

American Statistical Association-inactive

GAAN Fellowship