

Laura McCallister

Profile

Dedicated, innovative, organized instructor who strives to create an environment that ensures students master the skills necessary for their academic success.

Education and Certification

Master of Science in Teaching Mathematics

Florida Atlantic University, Boca Raton, FL 1997

Bachelor of Arts in Mathematics

Florida Atlantic University, Boca Raton, FL 1992

Florida Professional Education Certification #778065

Mathematics Grades 9 -12, July 2004 – June 2009

Representative Abilities and Accomplishments

- Present varied teaching techniques to provide effective instruction of students with different learning styles. These techniques include collaborative learning, guided self-discovery, lecture, use of graphing calculators, Blackboard, Interactive White Board, and Power Point.
- Employ varied assessment techniques to evaluate student progress. Design and implement readiness exams, student portfolios, rubric assessment and writing assignments.
- Assist students with development of reading for mathematical content, study skills, problem solving and test preparation.
- Design curriculum for individual students, classes and departments based on student need and school requirements.

Teaching Experience

Lynn University

August 2007 – Current

Visiting Professor/Instructor

- Courses taught: College Algebra, Beginning Algebra, and Math in the Elementary School.
- Taught students enrolled in the Comprehensive Support Program using a variety of teaching and assessment techniques designed for students with learning differences.
- Worked as a member of the Quantitative Reasoning Taskforce to develop course descriptions, specific learning outcomes and goals for Quantitative Reasoning at the freshman and sophomore level.

Florida Atlantic University

August 2006 – August 2007

University School Instructor

A.D. Henderson University School and FAU High School

- Courses taught: Algebra 1 Honors, Algebra 1B, and Geometry Honors.
- Built a data base to monitor student progress using FCAT scores and FCAT diagnostic assessments.
- Created School Curriculum Map for grades 6-10.
- Worked with elementary school teachers to gain a better understanding of the elementary school curriculum and how the curriculum feeds into the middle school math courses.

Palm Beach County School District August 1997 - June 2001

Teacher, Atlantic Community High School

- Courses taught: Geometry, Geometry Honors, Algebra International Baccalaureate-Middle Years Program IB-MYP, Geometry IB-MYP, and Pre-Calculus IB.
- Sponsor for Mu Alpha Theta math honor society. Responsible for organizing fund-raising activities, preparing and supervising students in local and state math tournaments.
- Collaborated with colleagues to ensure continuity among courses. Created departmental midterm and final exams that reflected desired content.
- Created syllabi that encouraged student responsibility by explicit class expectations including assignments and tests dates for the term.

Palm Beach Community College

December 1993 – July 1997

Learning Specialist, Center for Personalized Instruction.

- Courses taught: MAT 0024 Basic Algebra, IDS 2109 CLAST Review.
- Improved test scores of low achieving students.
- Participated in committees for textbook selection and design curricula for Basic Algebra and the CLAST Review.
- Appointed to search committees for filling Learning Specialists and math faculty positions.
- Assisted in the training, scheduling and supervision of the tutoring program.

Florida Atlantic University Internship

Fall Semester 1995

- Sole instructor for two sections of MAC 1104 College Algebra.
- Implemented department wide curriculum and exams.
- Demonstrated expertise in instruction, classroom management, student and administration relations.

Professional Tutor

1989 -Present

Professional Organizations

- Member of National Council of Teachers of Mathematics
- Member of the Florida Council of Teachers of Mathematics
- Member of Consortium for Mathematics and Its Applications

Professional Activities

- Team Chair for the Teacher Education Folio Review Team for FLDOE, November 2008.
- MAA Professional Enhancement Program *Mathematics and Politics*, June 2008.
- MAA Professional Enhancement Program *Teaching Arithmetic to College Students::make it meaningful by making it useful*, June 2008.
- NCTM Annual Conference National Council Teachers Math, March 2007.
- Anti- Discrimination Harassment Workshop, (FAU), March 2007.
- Middle School Math Initiative (FDOE, FCTM, and Islands of Comprehensive Center) Rigor and Relevance in Mathematics, February 2007.
- Strategic Reading in the Content Areas, March 2007.
- Multicultural Summer Institute (PBCSD), July 2006.
- History of Holocaust Curriculum Studies (PBCSD), June 2002.
- Innovative Classroom Strategies,(PBCSD), August 2000.
- Applied Math 1 and 2 (PBCSD), December 1997.