

ROBERT STORFER- MATHEMATICS EDUCATOR

COLLEGE TEACHING EXPERIENCE

Florida International University – Miami, Florida

1996 to 2000, 2003 to 2005 and 2007-present

■ **Instructor – Department of Mathematics**

Full-time instructor of undergraduate mathematics courses from College Algebra to Calculus Two, inclusive of Finite Mathematics, Calculus for Business, Pre-Calculus and Trigonometry.

- Prepare and present lectures both in classroom and through distance learning programs.
- Serve as supervisor of the adjunct mathematics instructors at the Biscayne Bay Campus.
- Coordinate the mathematics department online tutoring service.
- Provide on-campus assistance to students with course material, in addition to serving as departmental student advisor.
- Designed, developed and taught fully on-line College Algebra and College Geometry Courses.
- Provide extensive opportunities for out of class student help, office hours and accessibility.

Adjunct Faculty Positions at Various Institutions

1995 to 2006

□ **Pima Community College, Tucson, Arizona**

Part-time Instructor of College Algebra, Trigonometry, and Calculus Two.

□ **Florida Atlantic University, Davie, Florida**

Instructor of Intermediate Social Statistics, a third year course with an introductory statistics course as a prerequisite.

□ **Miami-Dade College, Miami, Florida**

Part-time Instructor of the Introduction to Statistics, Calculus One, Pre-Calculus, Trigonometry, and Finite Mathematics courses.

University of Pittsburgh – Pittsburgh, Pennsylvania

1993 to 1994

■ **Teaching Assistant, Department of Mathematics**

Recitation Leader for the Business Calculus, Calculus Two and Multivariable Calculus courses.

- Responsibilities included problem-solving sessions, conducting review sessions for class examinations, writing and administering quizzes, and individual student assistance with coursework.

Florida International University – Miami, Florida

1990 to 1993

■ **Tutor/Instructor, FIU Learning Center**

Assisted students with coursework on all mathematical levels of courses from Pre-Algebra to Differential Equations.

- Conducted workshops and assisted students in preparation for CLAST (College Level Academic Skills Test), an exam given to all undergraduates of universities in the State of Florida by their junior years.
- Duties also included assisting students in preparation for the GRE and GMAT examinations.

HIGH SCHOOL TEACHING EXPERIENCE

Spartanburg Day School – Spartanburg, South Carolina

2006 to 2007

■ Upper School Mathematics Instructor

Teach five classes daily, covering Advanced Placement Statistics, Algebra Two/Trigonometry, Algebra Two, and Algebra Three in a college-preparatory, independent school setting

- Serve as a faculty advisor to the sophomore and senior classes
- Deliver effective instruction using the Derive computer algebra system and Texas Instruments graphing calculators.
- Provide one-and-one and small group assistance to students with the class material outside of school hours, including nights and weekends.
- Perform statistical analysis for administration regarding academic performance.

Canyon Rose Academy – Tucson, Arizona

2005 to 2006

■ Mathematics Instructor

Teach at this charter school which utilizes a self-paced, technology-based curriculum.

- Assist students on a one-on-one basis and in small groups
- Provide guidance through the computer material (ALS-Anywhere Learning Systems).
- Deliver a high-quality, customized education to each student on an individual basis.
- Develop standards-based curriculum.
- Teach a memory class known as First Letter Mnemonics to small groups of students.

The Harker School – San Jose, California

2000 to 2002

■ Upper School Instructor – Department of Mathematics

Teach five classes daily, covering Pre-Calculus Honors, Algebra Two/Trigonometry, and Advanced Placement Statistics in this highly rated prep school since the fall of 2000.

- Designed an Honors Linear Algebra course along with two new statistics courses, developed and implemented lesson plans and supplemental studies.
- Effectively used computer algebra systems and graphing calculators in all courses.
- Worked closely with individual students in class, as well as during after-school tutoring sessions.
- Directed student Mathematics Club, which achieved excellent results in local and state math competitions.
- Served as communication liaison between administration and team members to ensure quality and continuity of education.

EDUCATION

Master of Science Degree, Mathematics

University of Pittsburgh - Pittsburgh, Pennsylvania

Full tuition scholarship and teaching assistant stipend Magna Cum Laude 3.93 GPA

Bachelor of Science Degree, Mathematics

Florida International University - Miami, Florida

Cum Laude Honors and Awards: Dean's List, Academic Excellence in Mathematics 3.73 GPA

Bachelor of Clarinet Performance

New England Conservatory of Music – Boston, Massachusetts

