

Jamel A Ferchichi  
Houston Community College  
6815 Rustic St.  
Houston, Texas 77087  
PH# (321)-987-8013  
Email: [themathlover01@aol.com](mailto:themathlover01@aol.com)

**Education:**

Texas Southern University, Houston, TX

Masters of Science in Mathematics

University of Central Florida, Orlando, FL

Bachelor of Science in Mathematics Education.

Brevard Community College, Cocoa, FL

Associates of Arts Degree

**Certification:**

Texas Education Agency and Florida Department of Education

Secondary License in Mathematics

**Work Experience:**

Houston Community College, Houston, TX      Temporary Full Time      Spring 2017- Present

- Utilized instructional method and materials to meet the students' needs
- Taught various classes ranging from development to college levels
- Maintain office hours and help students individually with their assignment and giving them feedback
- Create a learning environment that is suitable for cultural diversity

Texas Southern University, Houston, TX      Spring 2011- Present

- Plan, develop, and use a variety of teaching methods to enhance students' learning.
- Evaluate students to measure their level of understanding using different format of assessment.
- Develop and use a syllabus for each class
- Teaching both developmental and college level using different format (Lecture and Hybrid)

- Conducting office hours: tutoring and advising students

Houston Community College , Houston, TX

2012-Present

- Motivate students with the use of different teaching strategies.
- Evaluated students' advancement daily in mathematics concepts class.
- Taught development mathematics and college level math courses, Introductory Algebra ( Math 0308),( Math 0106), and ( Math 0409) Intermediate Algebra( Math 0312), College Algebra( Math 1314),Plane Trigonometry( Math 1316), Calculus I( Math 2413), Calculus II ( Math 2414).

ITT-Technical Institute, Webster,TX Adjunct Professor

2009-2013

- Led students in dynamics learning programs.
- Led multi-media presentations to interest a diverse student body
- Courses taught: Problem Solving, Calculus I, II III, Statistics I, II
- Holding office hours to serve the college and the students' needs
- Used Statistica software to help students develop, analyze, and improve decision making across –industries

Iman Academy High School , Houston, TX:

2008-2013

- Designed and implemented lesson plans for five classes: Pre-Algebra, Algebra I & II, Geometry and finite math.
- Utilized Macintosh spreadsheet to record grades.
- Motivate students with the use of different teaching strategies.
- Give a feedback to students in a timely manner
- Implementing stimulating lessons to capture students' attention and interest
- Created and administrated quizzes and tests to track students' progress
- Offered after- school tutoring to help struggling students improve their critical thinking and problem solving skills
- Mathematics Coordinator for PSIA ( Private School Interscholastic Association). The school was a math champion in the district for 5 years

### **Internship Experience:**

Merritt Island High School: Senior Internship Merritt Island, FL,

Fall 2005.

- Taught numerous classes including; trigonometry, geometry and Algebra II.
- Restructured classroom policy to reflect my classroom management.
- Style of consensus-building
- Assessed students' progress daily in math concepts .
- Used the geometric sketchpad to enhance students' learning

Cocoa High School, Junior Internship, Cocoa, FL, Spring 2005.

- Motivated students through active learning centers.
- Assessed students using a variety of techniques and strategies.
- Developed successful relationships with faculty and parents.
- Used various technology into my classroom to meet the students learning aspect

Brevard Community College, Cocoa, FL, Spring 2004.

- Volunteer math tutoring, Award
- Assist small and large group of students with their math assignments
- Help students creating pivot tables and spreadsheet using excel

Brevard Community College, Cocoa, FL, Fall 2003.

- Aid foreign students in Mathematics lab
- Integrating technology into the lecture
- Coordinating International students' events
- Courses taught College Algebra and Pre- Calculus
- Community Service and mathematics volunteer with Brevard Community College

**Special Skills :**

- Expert with range of math software including, Mathematica, MatLab, SageMath, Geometric Sketchpads, MyMathlab, Connect Math and Webassign.
- Fluent in English, French, and Arabic language.
- Utilized Microsoft word into my lecture to enhance students' learning
- Thesis on solution of Maxi-non Linear Difference Equations
- Microsoft Excel expert