

OBJECTIVE OVERVIEW

Dedicated instructor eager to build foundational and analytical skills in mathematics disciplines and topics. 18+ years teaching expertise with a propensity for explaining mathematical concepts in a clear and relatable manner. Ability to create a highly effective teaching and learning environment by use of unique teaching strategies and real-life patterns that capture student attention and understanding.

To obtain a post where fresh ideas, energy and enthusiasm to teach will continue my commitment to helping students understand the concepts, retain the material and ultimately take positive charge of their great lives.

PROFESSIONAL EXCELLENCE SUMMARY

- Passion for the teaching profession and proven ability to make complex topics lucid and comprehensible
- Ability to make students think on their own and develop analytical and mathematical faculties
- Innate mathematical aptitude
- 16+ years' experience teaching developmental math at the college level
- Ability to detect, advise and direct students on their academic misunderstandings in math
- Excellent written, verbal and organizational skills. Problem solver with an elaborative approach
- Excellent interpersonal skills with faculty, administration and students
- Rich experience in math teaching and delivering lectures on mathematical research processes
- Able to evaluate student performance and utilize assessment and statistical methods to judge overall progress
- Understands the diverse learning needs of students and utilizes educational tools and modern technologies in the classroom

PROFESSIONAL EXPERIENCE

Prairie View A&M University

September 2017 to Present

Faculty Instructor of Mathematics, Prairie View, Texas

- Establish high quality instruction performance and classroom management while bringing enthusiasm and an interactive teaching style to make mathematics understandable, applicable and enjoyable.
- Foster student learning in and critical thinking through all mathematical concepts with contextualized instruction.
- Incorporate technology tools into the curriculum to help students visualize and comprehend material.

TAMU | Train PD | Texas LEARNS | The Math Institute | TCALL ...

January 2012 to Present

Independent Contractor, State of Texas

Develop, design and deliver quality curriculum for/to the Adult Education community on topics pertinent to standardized mathematical testing including various content areas and depth of knowledge to raise scores across the state.

- Curriculum Planner/Developer:
Shape program parameter and develop high quality standards that reflects level of rigor, assessment format(s) and content standards and benchmarks.
- Curriculum Writer and Designer:
Develop math curriculum including PowerPoint, handouts and manipulatives to be dispersed state-wide to math teachers for classroom instruction. Customize conceptualized lesson plans and examinations including content from high impact indicators.
- Master Math Trainer/Professional Development Consultant:
Facilitate workshops while providing F2F resources including topic handouts, video lessons, site references and class worksheets to equip math teachers with identifying skill gaps and how to incorporate change into their class instruction.

Houston Community College

January 2001 to Present

Adjunct Instructor of Mathematics, Houston, Texas

- Demonstrate excellent teaching performance and classroom management while bringing enthusiasm and an interactive teaching style to make mathematics understandable, applicable and enjoyable.
- Teaching routine includes quality lectures that parallel real-life mathematical concepts along with contribution to online interactive systems and educational tools such as PowerPoint, MyMathLab and ALEKS.

Harris County Department of Education & Capital Idea Houston [College Prep Academy]

August 2015 to July 2016

Lead Mathematics Instructor, Houston, Texas

- Deliver high quality instruction to students along with the latest educational techniques, consistent real-world style application and mathematical materials. Provide resources that build student skills, increase confidence and reduce math anxiety to produce high results on the TSI test and create college readiness.
- Analyze and evaluate all students' mathematical progress continually. Compile statistical data analysis report to include student mathematical progress, variance and matriculation.

Petro Africa LLC

July 2013 to August 2015

Buyer/Procurement Admin.

- Received, managed and sourced vendors for RFQ's, found relevant suppliers/manufacturers, negotiated credit terms and discount, attend high-level meetings.
- Prepared purchase orders, consulted, conferred and meet with suppliers to obtain product spec and other relevant information necessary to fulfill scope of work.

GE (Formerly Vetco and ABB Vetco Gray)

June 2004 to June 2006

Project Cost Analyst, Houston, Texas

- Coordinated and maintained 10 to 12 bids with an estimated value of over \$30MM+ during a three month period. Ultimately won \$10MM as a result of competitive pricing based upon effective cost analysis.
- Compiled, analyzed and reported statistical data from previous projects and compared them to current projects for weekly meetings.
- Generated balanced spreadsheets to analyze and depict the most accurate cost breakdown using engineering drawings and material descriptions for new and existing subsea products and services.
- Generated outside machine cost (OMC) and coating cost by interfacing with purchasing, ensuring the best price and delivery by outside vendors.
- Generated Cash Flow reports to assist the Accounting Department in preparing Full Cost Models.
- Maintained and prepared weekly progress reports for upper management to show all bids submitted with estimated values included and work-in-process statuses on all active bids.
- Implemented work process enhancements to reduce costing errors in an effort to improve overall cost analysis.

EDUCATION

BA, Mathematics – Prairie View A&M University, Prairie View, TX

Graduated December 1998

MS Candidate, Mathematics – Prairie View A&M University, Prairie View, TX

Projected graduation date: Fall 2018

HONORS AND AWARDS

- 2016 HCC Award for Teaching Excellence – Nominee 2016
- College Prep Academy Lead Teacher – 100% Matriculation 2015-2016
- Master Teacher Academy – Content developer and trainer 2016-2017
- Session Presenter for COABE (Coalition on Adult Basic Education) - National Conference 2017
- Session Presenter for TALAE (The Texas Association for Literacy and Adult Education) 2017
- State Conference