

Neethu Joseph

1300 Holman St.
Houston, TX 77004

Cell: (713) 718-6638
neethu.joseph@hccs.edu

Objective

Mathematics instructor at Houston Community College who imparts mathematical knowledge to promote academic success of students.

Education

University of Houston, Honors College – Houston, TX

M.Sc. in Applied Mathematics – May, 2014

B.Sc. in Chemical Engineering (Minor in Mathematics & Chemistry) – May, 2006

Relevant Work Experience

Mathematics Instructor, *Houston Community College*, Houston, TX 2012 – Present

- Deliver competency-based education which aligns with the college curriculum
- Support the math department in faculty evaluation, student grade appeal, departmental finals, and other assignments on as-needed basis
- Participate in faculty conferences for professional development
- Relate professional industry experience to learning
- Maintain office hours diligently to assist students outside of classroom lectures
- Design class instruction through the development of instructional plans and activities to meet course competencies and lesson objectives in the following (in-class and online) courses:
 - MATH 0306 Fundamentals of Math I
 - MATH 0409 Foundations of Mathematics
 - MATH 0312 Intermediate Algebra
 - MATH 1314 College Algebra
 - MATH 1316 Trigonometry
 - MATH 1324 Mathematics for Business & Social Sciences
 - MATH 1325 Business Calculus
 - MATH 1332 Contemporary Mathematics
 - MATH 1342 Statistics
 - MATH 2412 Pre-Calculus
 - MATH 2413 Calculus I
 - MATH 2414 Calculus II

Process Engineer, *British Petroleum*, Houston, TX 2006 – 2012

- Perform engineering calculations for processing equipment sizing and optimization.
- Single Point of Authority for produced water system by collaborating with various inter-disciplinary experts.
- Interface with engineering groups in a team environment to optimize the overall operation of oil & gas processing facilities worldwide.
- Develop and train engineers to use documentation control standards for company-wide use.
- Provide technical recommendations to plant operations group for reliable, cost-effective upgrades/additions to existing process equipment.

Relevant Skills

- Proficient in following software: MatLab, Microsoft Office Suite
- Experienced user of MyMathLab, Connect Math, Canvas, and Web Assign