

# CURRICULUM VITAE

## **Susan R. Fife**

Mathematics Professor  
Associate Chair, Mathematics  
Division  
Houston Community College  
Northwest College  
Katy Campus 112E  
(713) 718-7241 (W)  
([susan.fife@hccs.edu](mailto:susan.fife@hccs.edu))

### **EDUCATION:**

UNIVERSITY OF HOUSTON, Houston, Texas  
Doctoral of Education – Curriculum and Instruction  
Math Education  
Dissertation: *The Relationship of Homework Type to Achievement and Retention of Students Enrolled in Intermediate Algebra*

LAREDO STATE UNIVERSITY, Laredo, Texas  
Master of Arts – Interdisciplinary Studies  
Psychology, Mathematics and Sociology  
Thesis: *Math Anxiety Levels and Correlates in Developmental Mathematics Students*

SAINT CLOUD STATE UNIVERSITY, St. Cloud, Minnesota  
Bachelor of Science  
Mathematics/Computer Science

### **TEACHING EXPERIENCE:**

August 2021 to Present	Houston Community College System, Northeast College, Houston, TX Full time Instructor, Associate Chair, Mathematics Division
August 2018 to August 2021	Houston Community College System, Southwest College, Houston, TX Full time Instructor, Division Chair, Mathematics
August 2015 to August 2018	Houston Community College System, Southeast College, Houston, Texas Full time Instructor, Division Chair, Developmental Mathematics
May 2015 to August 2015	Houston Community College System, Southeast College, Houston, Texas Full time Instructor, Mathematics Department Chair, Southeast College
January 2003 to August 2015	Houston Community College System, Southeast College, Houston, Texas Full time Instructor, Developmental Mathematics Program Coordinator
August 2001 to December 2003	North Harris Montgomery Community College System, Tomball College, Tomball Texas, Full time Associate Professor, Mathematics Department
August 1995 To August 2001	Lee College, Baytown, Texas Mathematics Lab Coordinator/Supervisor
May 1993 to August 1995	University of Houston – Downtown, Houston, Texas Lecturer, Mathematics Department

August 1989 to August 2002 Laredo Community College, Laredo, Texas  
Mathematics Lab Instructor

November 1987 To August 1989 Laredo Job Corps, Laredo, Texas  
Mathematics Instructor

November 1984 To March 1985 Mankato State University, Mankato, Minnesota  
Graduate Assistant, Mathematics

***Curriculum and Instructional Materials Development:***

2008-Current: Differential Equations Videos on youtube.com (ProfessorFife)

2015 Spring: Implementation of HCC's New Mathways Program

2014: Instructor Training Course for Math 0106 and Math 0409 at HCC

2013: TSI Math Review Web Site (hccs.edu/tsi)

2011: *Wolfram|Alpha Activities for Precalculus*

2009: *Wolfram|Alpha Activities for College Algebra*  
<http://www.scribd.com/doc/19979973/College-Algebra-Activities-Using-WolframAlpha-Sample>

2008: *The Four Corner Model: Four Approaches to One Solution*,  
Connecticut Mathematics Journal (2008)

2008: *Engaging Algebra : Activities that Create Connections*,  
Pearson Education (2008) ISBN: 9780136007074  
ISBN10: 0136007074

2008: *Engaging Algebra : Activities that Create Connections: Intermediate Algebra*, Pearson Education (2008)

1999: Developed a computer modem *Internet– based Precalculus* class for Lee College which was implemented in the Spring of 1999. This course was part of the Virtual College of Texas.

2000: *Solving Work Word Problems* – a program to help intermediate and college algebra students understand and solve work word problems.

1999: *Nursing Math Review* – a program to help nursing students review basic nursing math skills

1998: *TASPaMatics*: A program developed for the enrichment of students who are in the process of preparing for the TASP test.

***Professional Organization Membership:***

[National Council of Teachers in Mathematics \(NCTM\)](#)  
[Texas Community College Teachers Association \(TCCTA\)](#)  
[American Mathematical Association of Two-Year Colleges \(AMATYC\)](#)  
TexMaTYC

***Teaching Awards***

NISOD Award Winner, 2011

Chancellor's Innovation Fund Award Winner, 2013

Certificate in Teaching Excellence

Recognition as Teaching & Learning Certified 21st Century Exemplary Faculty