

TONG WU  
Instructor  
TEXAS SOUTHERN UNIVERSITY  
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## CURRICULUM VITAE

### Education:

- Ph. D Mathematics Study, University of Houston, Texas (finished 34 Hours)
- M. S. in Mathematics, Texas Southern University, Houston, Texas, 1992
- M. S. in Computer Science, Harbin Institute of Technology, Harbin, China, 1987
- B. S. in Computer Science, Harbin Science & Technology University, China, 1984

### Experiences:

- Instructor, Mathematics Department, Texas Southern University, Fall, 1995 – Present
- Adjunct Instructor, Mathematics Department, Texas Southern University and Houston Community College, Summer, 1992 – Fall, 1995
- Teaching Assistant, Mathematics Department, Texas Southern University, November, 1989 – May, 1992
- Lecturer, Computing Center, Harbin Institute of Technology  
July, 1987 – November, 1987

### University Activities:

- Teaching College Algebra, Business Calculus with Applications, Trigonometry, PreCalculus, Mathematics for Elementary School Teachers, Calculus, Number Theory
- Teaching to use Calculators: TI-83, TI-92
- Teaching to use Mathematical Softwares: Maple, Derive, MS Excel
- Prepare Secondary Mathematics Pre-Excel Exams
- A member of Department Core Curriculum committee

### Memberships in Professional Organizations:

- Mathematical Association of America
- National Council of Teachers of Mathematics

### Presentations:

- How to use the TI-83 Graphing Calculator in Math Department Seminar of Texas Southern University
- Calculator Based Laboratory™ System (CBL) in Math Department Seminar of Texas Southern University
- How to use Mathematics Software MapleV and Derive in Math Department Seminar of Texas Southern University
- Calculator-based and Computer-based methods for solving mathematics problems in Math Department Seminar of Texas Southern University.

### Workshops:

- TSU-NSF Calculus Reform Workshop (5 days), June 1995
- Project InterMath Computational Science Workshop (3-days), Macalester College June 1998

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- Coalition for the Mathematical Preparation of Elementary Teachers Workshop (10 days) 1998-1999
- University Forum, Austin, Texas, May 22-25, 2000
- SIAM Southwest Regional Workshop: Mathematics in Industry, April 27-28, 2001, University of Houston Hilton Hotel and Conference Center Houston, TX, 77004

**Publications:**

- Parametric Equations Describe Curves, April 20001, Vision - Potential
- Watering Horses, January, 1997, Vision - Potential