

Bobbie Jo Hill
Mathematics Department
Coastal Bend College
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Professional Profile

Eager to mentor students into the twenty-first century using a unique combination of education experience coupled with ten years' developmental education, supplemental instruction, and computer assisted instruction in mathematics.

- Hold Masters Degree in Biology and Bachelors Degree in Mathematics
- Certified in secondary, elementary and special education.
- Experienced in use of the Internet and educational software.
- Dedicated to enthusiastic and dynamic teaching as a means of creating and nurturing a lifelong love of knowledge.
- Specialized last 10 years in college level developmental mathematics.

Education, Honors, and Certifications

PhD Curriculum and Instruction, in progress, Texas A&M University Corpus Christi

Masters of Science Biology

Texas State University, San Marcos, Texas

Bachelor of Science Mathematics

Texas State University, San Marcos, Texas

Education Certifications

Elementary education, Texas

Secondary education, Texas (Math and Science)

Special education, Texas

Key Qualifications

Fourteen years of experience in college level Developmental Math, Supplemental Instruction, and developmental math coordinator.

Plan and instruct each subject area using wide variety of teaching aids, motivational and implementation strategies to engage students in active learning.

Incorporate learning modality principles into classroom and individual instruction.

Develop and conduct interactive lessons. Utilize Hawkes and My Math Lab automated math management system.

Implement technological approaches to subject material. Research educational resources on the Internet. .

Computer Skills

- **Software:** Microsoft Windows®, Microsoft Word, Excel, My Math Lab, Hawkes learning systems, Aleks.
- Working knowledge of the **Internet**

Employment

- **Mathematics Professor, Coastal Bend College**, August 2003 to present
- **GED prep and Math/Literacy Instructor, Windham ISD, McConnell Unit**, June 1999 to August 2003
- **Mathematics and Advanced Placement Instructor, AC Jones High School**, Beeville, Texas, August 1997 to May 1999
- **Mathematics and Science Instructor, Diocese of Dallas, Middle school, Corsicana, Texas 1986-1997**
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Professional Affiliations

Mathematical Association of America, Texas Community Colleges Teacher Association, Texas Association of Developmental Education, PDK teacher honor society

Academic Presentations

- Hill, B. (2011, October). Motivating factors in incarcerated adult men and success in college math course. 34th Conference of the Society of Educators and Scholars. Corpus Christi, Texas
- Hill, B. 2012, June). Sum Fun with College Algebra Topics. Me by the SEA Conference, Corpus Christi, Texas
- Hill, B. (2014, October). From Gateway to Pathway for Latino Students at Coastal Bend College. Hispanic Association of Colleges and Universities.
- Hill, B. (2016, August). An Investigation of the Beliefs, Behaviors, and Performance of Women in College Algebra in a Rural Community College.

Synergistic Activities

- Mathematics Department Coordinator during Developmental Education Initiative (DEI) grant
- Co-developer of Curriculum for the Achieving the Dream (AtD) grant and the Quality Enhancement Plan for Coastal Bend College on supplemental instruction
- Instructor for ACE program in mathematics summer 2014
- Advisor in Mathematics for undergraduate liberal arts and education majors
- Interim coordinator of tutoring services
- Team member for curriculum development of the Frameworks for Mathematics and Collegiate Learning Course for the New Mathways Project-Dana Center