

Maribeth Lee McAnally

Maribeth.McAnally@tamuc.edu

Areas of Expertise:

Areas of Expertise: Online course design, Blackboard, eCollege, spreadsheets, databases, web page design, desktop publishing, word processing, information system design and analysis, computer logic, current mobile technologies, and computer programming.

Education:

Sam Houston State University, Huntsville, TX, BBA in Business Education

The University of Texas at Tyler, Tyler, TX, Master of Business Administration

Texas A&M University-Commerce, Commerce, TX, Doctor of Education in Supervision, Curriculum, and Instruction from the Secondary and Higher Education department

Dissertation Topic: Using Virtual Manipulatives in the Courses for Pre-service Teachers of Mathematics

Additional Graduate Work:

- Purdue University, West Lafayette, Indiana, completed 12 graduate hour summer program in Computer Information Security and Assurance
- University of Central Oklahoma, Edmond, Oklahoma, completed 12 Computer Science graduate hours
- Twenty-two undergraduate and 33 graduate hours in Computer Science

Current Position:

Trinity Valley Community College

8/09 – present **Business and Computer Science Department - Professor**

Instructor for courses in computer science and business administration. Additional responsibilities includes advising business and computer science majors, designing new and revising undergraduate courses, delivering distance education courses via internet, and college committee assignments. Since May 2012, developed and maintain Workforce Education departments Web sites. Developed and delivered several faculty training workshops for distance education and educational technology tools.

Previous Teaching and Administrative Positions:

Texas A & M University – Commerce

8/06 – 8/09 **Department of Applied Sciences - Department Head and Assistant Professor**

Responsible for supervising the totally online Applied Sciences Bachelorette program of 250+ majors. Responsibilities included supervising and evaluating faculty, scheduling of courses, assisting Outreach Coordinator with the marketing and recruiting of prospective students through community colleges, developing articulation agreements with community college personnel, preparing and maintaining a departmental budget, advising students using the Banner information system, certifying department graduates, developing and teaching online courses, and writing,

administrating, and marketing applied science programs in Texas by securing state-wide grants funds. Served as a committee member on several state-wide committees to standardize applied science bachelorette programs and field of study curriculum for computer science programs.

1/05 – 8/06 **Instructional Technology and Distance Education Department - Coordinator for Instructional Design**
Main responsibilities were to coordinate, schedule, and provide group and individual faculty and staff training sessions on various topics related to instructional design for online and web-enhanced courses; provide technical support to faculty during the teaching phase of online and web-enhanced courses; coordinate and schedule university-wide events related to faculty training and development in instructional technology; promote sound instructional design methods and models in the design and development of distance education courses. Selected a new online course management system and converted online and web-enhanced courses from the existing system to eCollege.

6/96 – 5/05 **Computer Science Department - Computer Science Instructor.**
Instructor for graduate and undergraduate courses in computer programming languages (C++, Visual Basic.NET), computer literacy (Microsoft Office), system analysis and design (System Architect CASE), ethics and information security, senior capstone course for software project development, multimedia and internet tools. Additional responsibilities included advising undergraduate computer science/computer information systems majors, designing new and revising undergraduate courses, delivering distance education courses via interactive television and online, and university committee assignments including Southern Association of Colleges and Schools 10-year visit. Successful grant writer and administrator for the Teacher Quality Grants program from the Texas Higher Education Coordinating Board. The focus of these grants was to integrate technology into mathematics for in-service and pre-service mathematics teachers in grades 4-8.

Paris Junior College

5/95 -6/96 **Educational Talent Search - Director.** Responsible for directing and managing one of the Trio Federal programs with an annual budget over \$250,000. Talent Search aids first generation and/or economically disadvantaged middle and high school students with academic potential to enter college.

Kilgore College

8/90 - 8/95 **Computer Science Department Chair.** In addition to instructional assignments, was responsible for supervising the instructional computer science program. These responsibilities include supervising and evaluating faculty, supervising all computer labs, scheduling of credit and non-credit courses for on-campus and off-campus credit courses, assisting the continuing education with the marketing and scheduling of non-credit courses for adult education, contract computer training for businesses, kid computer camp and public school teacher in-service computer courses, preparing and maintaining a departmental budget for software and equipment acquisitions, developing an advisory committee of community professionals to assist in writing and maintaining up-to-date syllabi and curriculum, and advising and registering students in major areas. Additional responsibilities were as TexPREP Director for a preparatory mathematics and science summer program for middle school, high ability minority students.

8/83 - 8/90 **Computer Science Instructor.** Instructor for courses in introduction to computer science, computer programming languages (BASIC, FORTRAN, COBOL, Pascal), business management, PC and mainframe operating systems, word processing, electronic spreadsheets, databases, capstone courses, microcomputer networking and PC tools. Developed new and redesigned existing curriculums and courses for the departments course offerings in computer science and computer information systems.

Professional Publications:

Presentation and publication on “Using Virtual Manipulatives in the Teaching of Mathematics in Probability” at the Texas Computer Educator Association’s Research Symposium held in Austin, Texas on February 6, 2007.

Presentation and publication on “Using Virtual Manipulatives in the Teaching of Mathematics” at the 8th International Conference on Technology in Mathematics Teaching held in Hradec Králové, Czech Republic, July 1 – 4, 2007.

Presentation on “Tools to Connect AAS to BAAS Degrees” to Education Open Source P-16 annual conference held in Austin, Texas, January 2008.

Abstract and presentation on “iPods in the Mathematics Classroom” to NSF Teacher Recruitment Conference held at Navarro College, Corsicana, Texas, February 2008.

Abstract and presentation on “The Success of the Texas Two-Step Program” to Texas Association of College Technical Educators (TACTE) in Galveston, Texas, April 2008.

Publication and paper presentation on “The Application of Goldratt’s Theories to Non-Manufacturing Organizations” to IABPAD Conference in Dallas, Texas, April 2008.

Paper presentation "Creating Podcasts for the Mathematics Classroom" for Innovative Learning Conference 2008, San Jose, California, October 2008, Huse and McAnally

Presentation and abstract on “Using Virtual Manipulatives in the Teaching of Mathematics in Transformational Geometry” to National Council for Teachers in Mathematics annual conference to be held in Washington, D.C., April 2009.

Presentation and abstract on “Podcast Training for CTE Faculty Instructing Online Courses” to Texas Distance Learning Association annual conference held in Corpus Christi, TX, April 2009.

Presentation and abstract on “Learning and Growth: The Foundation of a Balanced Scorecard” to IABPAD Conference in Dallas, Texas, April 2009.

Presentation and publication on “Using Podcasts in the Teaching of Mathematics” at the 9th International Conference on Technology in Mathematics Teaching to be held in Metz, France, July 6 – 9, 2009.

Presentation and publication on “Podcasting for Knowledge” at the EduLearn 10 held in Barcelona, Spain, July 6–8, 2010.

Presentation on “Podcasting on a Budget” at the FETC Annual Conference held in Orlando, Florida, February 2011.

Presentation and publication on “Podcasting on a Budget” at the HICE Annual Conference held at the University of Hawaii in Honolulu, Hawaii, January 2013.

Presentation on “The World of iPads” at The Teacher Conference held at TAMU-Commerce Navarro College Center in Corsicana, Texas, February 2013.

Presentation and publication on “Success in Algebra Begins with Teacher Training” at the HICE Annual Conference held at the University of Hawaii in Honolulu, Hawaii, January 2014.

Presentation and publication on “Creating Successful Discussion Questions in Online Courses” at the HICE Annual Conference held at the University of Hawaii in Honolulu, Hawaii, January 2015.

Grants:

Carl Perkins Leadership grant awards to TAMU-C for recruiting, marketing, and advising non-traditional students who have been awarded technology Associates degrees for a seamless transition into a Bachelor’s degree program and provide Podcast training for CTE community college faculty. Each grant award is over \$150,000.

September 2009 through August 2010, Podcast Training for Health-Occupations Technical Courses, training 20 community college faculty in rural East Texas to use podcasts and vodcasts to enhance health-occupations courses.

September 2008 through August 2009, Podcast Training for Online Technical Courses, training 20 community college faculty in rural East Texas to use podcasts and vodcasts to enhance technical online courses.

September 2007 through August 2008, Texas Two-Step, consulting and developing electronic marketing tools to disseminate to Texas universities with applied science degree programs

September 2006 through August 2007, Texas Two-Step, recruiting, marketing, and advising students at community college campuses and developing degree guides for community college administration

Eisenhower/Teacher Quality Mathematics Professional Development competitive grants from U. S. Department of Education/Texas Higher Education Coordinating Board for instruction and administration total of awards over \$1,000,000:

Spring 2013 through Spring 2014, teachers of 4-8 in algebraic thinking

Summer of 2012 through Spring 2013, teachers of 4-8 in algebraic thinking

Summer of 2009 through Spring 2012, teachers of 4-8 in measurement

Summer of 2003 through Spring 2004, teachers of 4-8 in mathematical representation and graphing

Summer of 2003 through Spring 2004, teachers of 4-8 in problem solving

Summer of 2002 through Spring 2003, teachers of 4-8 in algebraic thinking

Summer of 1999 through Spring 2000, teachers of K-5 in geometry

Summer of 1998 through Spring 1999, teachers of K-5 in measurement

Summer of 1997 through Spring 1998, teachers of K-5 in basic number concepts

Summer of 1995 through Spring 1996, teachers of 7 – 12 in logic and problem solving

Fall of 1994 through Summer 1995, middle school minority students in mathematics and science.

Summer of 1994, middle school minority students in mathematics and science.

Summer of 1994, teachers of K-5 in fractions.

Summer of 1993, teachers of K-5 in basic number concepts.