

# Dr. Maribeth L. McAnally

## Higher Education Professional

### About Me

Effective higher education faculty with 35+ years instructing computer science, business, and freshmen success courses in all modalities and with diverse student populations. Held administrative-level positions for university and community college's academic departments, grant administrator, and SAC COC reporting. Searching for an opportunity to share my teaching, curriculum design skills, and higher-education strategic vision.

### Professional Skills

- Creating face-to-face and online courses for personal and campus-wide courses using standard instructional design principles and current technology tools
- Engaging presentation skills
- Proficient in organizing research into a concise, statistical, and graphical representations
- Successful grant writer and project director for STEM projects
- Project director for writing, directing, implementing, and reporting a SACS COC quality enhancement project
- Skilled in managing multiple, diverse projects
- Strong academic advising records
- Solving problems that require motivating others to reach a common goal
- Advanced user of current versions of Microsoft Word, Excel, PowerPoint, and Access, Google Suite, Snag-It, Camtasia, Panopto, and several LMS (Canvas, Blackboard, D2L)
- Intermediate user of the qualitative software NVivo

### Education

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

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

Purdue University, West Lafayette, Indiana, completed 12 graduate hour summer program in Information Security and Assurance.

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

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

Twenty-two undergraduate and 33 graduate hours in Computer Science

### Professional Experience

#### Texas A&M University-Commerce

##### Adjunct Faculty College of Engineering

2019 – present

Instructor for junior-level technology management online courses using D2L. Instruct courses, select textbooks, and create online content for three different courses: Principles of Technology Management, Technology Communications, and Organizational Behavior courses. Online content items developed are

presentations, videos, tests, projects, and discussion board activities. Facilitate regular online meetings using Zoom.

## **Trinity Valley Community College**

### **Quality Enhancement Plan Director**

7/16 – 12/22

Director for the college's Southern Association for College Accreditation (SACS COC) Quality Enhancement Plan, QEP, "*Step Out Onto The Pathway to Progress*". This five-year project spans from 2016 to 2022. Employment appointments for full-time from 2016 through 2018 with current part-time appointment from 2019 to present. Final qualitative and quantitative successfully submitted and reviewed by SAC COC September 2022.

The project goal is to improve the academic and retention rate for first-time-in-college, FTIC, students through improved student orientation and a mandatory student success course. This Learning Framework course is designed to help students explore pathways to discovering college resources, developing college success skills such as note taking, test taking, time management, learning styles, and discovering career pathways for college majors and career fields. SACS COC visiting on-site team assessed the QEP in October 2016 with one QEP recommendation. The response report submitted in March 2017 was accepted and steps taken to implement the plan.

Major responsibilities and deliverables:

- Major writer of the submitted project plan along with the student learning outcomes tied to course assessments with rubrics. <https://www.tvcc.edu/QEP/?d=277>
- Designed and created the student success course materials, assessments, and rubrics using the LMS Canvas as the delivery method. Trained and mentored faculty assigned to instruct the course. Directs continuous course improvements from analyzing the quantitative and qualitative project data and feedback from faculty.
- Worked with an orientation committee to develop a new multi-media, online orientation using web pages, Canvas, and a mobile app. Currently analyzing the data to direct improvements in the online orientation.
- Tracking project changes and improvements, preparing and presenting semi-annual reports to academic councils, updating QEP web site, and preparing SAC COC QEP 5-Year Impact Report

### **Business and Computer Science Department – Professor**

8/09 – 7/16

Instructor for courses in computer science and business administration through multiple modalities; face-to-face, online, and interactive televised courses. Courses include introduction to business, computer applications, business ethics, personal finance, computer programming, web page design, and electronic spreadsheets. Additional responsibilities were advising business and computer science majors, designing new and revising undergraduate courses, delivering distance education courses via internet, and college committee assignments. Developed and delivered several faculty training workshops for distance education and educational technology tools.

## **Previous Professional Experiences**

### **Texas A&M University-Commerce**

#### **Department Head and Assistant Professor, Tenure Tract**

##### **Department of Applied Sciences**

8/06 – 8/09

Responsible for supervising the totally online Applied Sciences Bachelorette program of 250+ majors. Duties 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.

Department was awarded four grants from the Carl Perkins Leadership grant through The Texas Higher Education Coordinating Board. These grant awards were for the recruiting, marketing, and advising of non-traditional students who completed technical Associates degrees. These grants were to enable students to a seamless transition into a Bachelor's degree program and provide Podcast training for CTE community college faculty. Each grant award was 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.

**Instructional Designer, Instructional Technology and Distance Education Dept** 1/05 – 8/06

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.

**Computer Science Instructor, Computer Science Department** 6/96 – 5/05

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 Eisenhower/Teacher Quality Grants program from the Texas Higher Education Coordinating Board with funding through the U.S. Department of Education. The focus of these grants was to integrate technology into mathematics for in-service and pre-service mathematics teachers in grades 4-8. Total grant awards were in excess of \$1M. These awards were as follows:

- 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.

## **Paris Junior College**

### **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**

### **Computer Science Department Chair and Instructor**

13 years

Instructor for courses in computer programming, business management, PC and mainframe operating systems, and productivity tools. 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.

## **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 8<sup>th</sup> 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 9<sup>th</sup> 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 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.

## Professional References:

Mr. David Loper, Professor, Business and Computer Science, TVCC, 903.675.6373, dloper@tvcc.edu

Ms. Kristen Stovall, Dean of Information Technology, Kilgore College, 903.312.0114, kstovell@kilgore.edu

Ms. Kelley Townsend, Associate Vice President for Workforce Education, TVCC, 903.675.6266, ktownsend@tvcc.edu