

Curriculum Vitae

Cassandra Bowell

A316 El Centro College (214) 860-2366 cbowell@dcccd.edu

Education

1989-1992 Master of Science – Mathematics, Oklahoma State University, Stillwater, OK

1985-1989 Bachelor of Science – Mathematics, Oklahoma State University, Stillwater, OK

Teaching Experience

August 1993 – Present **Faculty, DMAT/ MATH** **El Centro College**

Courses Taught: *All DMAT offerings, College Algebra, PreCalculus, Trigonometry, Business Mathematics, Business Calculus I & II, COMBO- Intermediate/College Algebra; Charter INET MATH instructor at ECC, teaching on-line since 2004*

June 1998 – July 1998 **Adjunct Faculty, DMAT** **Collin County Community College**

Course Taught: *College Algebra*

August 1991 – July 1993 **Adjunct Faculty, DMAT** **El Centro College**

Courses Taught: *All DMAT offerings, Technical Mathematics for Allied Health, Business Mathematics*

August 1989 – July 1991 **Graduate Teaching Assistant in Mathematics, Oklahoma State**

Courses Taught: *Intermediate and College Algebra, Trigonometry, Calculus I*

Grant Work at El Centro College

Title III Funded, fall 1995 – Spring 1996; Co-developed note cards for DMAT classes

Title III Funded, Fall 2002 – Spring 2003; Created “ISSUE Narrations” – animated power points recorded with audio via Cam Studio; Developed “ECC Fractions” – Tegrity recordings of topics in fraction arithmetic

Title V funded, Summer 2006; Project Leader for MATH 1316; created power points, trained instructors in use of Tegrity to record class sessions, edited Tegrity recordings, created notebooklet to accompany MATH 1316 on-line

Grant Work at El Centro College

STEM Cooperative Grant with Texas Tech, Spring 2009 – Summer 2010 Supplement Instruction Director; established a supplemental instruction program for DMAT/ MATH/ CHEM for on-campus and on-line courses.

DCCCD Early Alert Retention Initiative, Faculty Participant, Spring 2010 – Present

Conference Presentations

Co-presenter “How to Create a Truly Interactive Software Package” League of Innovation, 2004 and 2005

Co-presenter “Web Conferencing: An Alternative Strategy to Engage Learners off Campus”, DCCCD’s SSSI, Summer 2009

Co-presenter “Technology Tools for the Classroom” DCCCD Developmental Studies Summit, Fall 2009

Committee Work

El Centro College Curriculum Committee, Chair	1998 – 2008
District DMAT/ MATH Curriculum Committee	1994- 1996, 2009 – 2010 (chair), 2010 – 2011
DMAT Taskforce	2009 – Present (co-chair)
SACS – Student Development Service Subcommittee	2002 – 2003
Smart building Committee	Summer 2006
Faculty Search Committees	Spring 2001/ Spring 2003 (chair)/ Spring 2009/ Spring 2010
Search for Assessment Center Executive Director	Fall 2006
Search for West campus Executive Director	July & August 2007

Publications

Author/Editor: *Arithmetic: Foundations for Algebra* Publisher: Educsoft International, Inc ©2010

Professional Memberships

TexMATYC, MAA, AMS, TCCTA