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Curriculum Vitae
Mark Bowman Crouch, Ed. D.

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Math & Computer Science Department   3106 Southland Blvd
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PERSONAL INFORMATION

Born: August 8, 1947 – Amarillo, Texas
Military Experience: 1968 – 1991 Navy Active/Reserve; retired in rank of Commander

EDUCATION

B. Music Ed., 1969, Texas Tech University, Lubbock, Texas
M. Music Ed., 1972, Texas Tech University, Lubbock, Texas
B. S., Computer Science, 1978, University of Texas at Tyler, Tyler, Texas
M. B. A., Management, 1985, Angelo State University, San Angelo, Texas
Ed. D., Higher Education Administration, 2000, Texas Tech University, Lubbock, Texas

PROFESSIONAL ASSOCIATION MEMBERSHIPS

- Texas Community College Teachers Association (TCCTA) – Chairman (Computer Information Technology Division 2000-2001)
- Southwest Educational Research Association (SERA)
- Association for the Institute of the Certification of Computer Professionals (AICCP)
- Association for Computer Educators in Texas (ACET)
- Association for Computing Machinery (ACM)
- Institute of Electrical and Electronics Engineers (IEEE)
- Association of Information Technology Professionals (AITP)
- Charter member and member of the board of directors of the Concho Valley Chapter of AITP
- Computer Professionals for Social Responsibility (CPSR)
- Texas Computer Education Association (TCEA)

PROFESSIONAL / TEACHING EXPERIENCE

ANGELO STATE UNIVERSITY   **San Angelo, Texas**

Professor of Computer Science   August 2001 – present

Courses taught:
- BCIS 1305 - Introduction to Business Computer Applications
- CS 1301 – Computer Literacy
- CS 1301 – Computer Literacy (Online)
- CS 1331 - Introduction to Data Processing
- CS 1331 - Introduction to Computer Science
- CS 1331 - Introduction to Computer Science (Online)
- MIS 3343 - Introduction to Management Information Systems
- CS 1361 - Computer Science I (C++ Programming)
- CS 3311 - Database Management
- CS 3324 - File Structures
- CS 3371 – Computer Game Development I
- CS 4302 - Operating Systems
- CS 4306 – Software Engineering
- CS 4307 - Ethical Issues in Computing
- CS 4311 – Web Database Design
- CS 4371 – Computer Game Development II

SOUTH PLAINS COLLEGE   **Lubbock, Texas**

Director, Reese Center and Coordinator of Grants   August 1999-July 2001

Primary duties:
- Supervise and coordinate use of all South Plains College property at the Reese Center
- Schedule and coordinate assignment of instructors to courses
- Select, hire, and evaluate all part-time instructional personnel
- Select, hire, and evaluate approved support staff
- Coordinate budget preparation with Instructional Council and Business Office
- Prepare annual application for federal funds
- Prepare bid specifications and manage of the federal bid process including issuing purchase orders and submitting equipment lists to the Texas Higher Education Coordinating Board
- Management, oversight, and performance of annual federal inventory process

HOWARD COLLEGE   **San Angelo, Texas**

Associate Professor / Program Director – C.I.S. Department   1995-1999
Duties assigned / courses taught
- Program Director and Instructor of Computer Information Systems courses at local community college
- Provide technical support for microcomputer and network applications for both student and administrative functions.
- Primary contact and coordinator for Howard College Cisco Network Academy
- Introduction to Computer Information Systems
- PASCAL and Visual Basic Programming

GTE Southwest Inc.   **San Angelo, Texas**

Various Positions from Programmer to Systems Supervisor   1980-1995

- Project Lead Analyst for IBM 9000 Series mainframe financial application software systems.
- Supervised groups of 6-15 programmers, analysts, and contractors in application support and utility programming functions; trained and performed technical administration functions.
- Provided departmental support for LAN and PC-based administrative functions including development of organization planning and graphic presentation software.
- Trained new employees in Information Management procedures and policies.
- Wrote and maintained COBOL and Assembler programs for financial software applications.
- Developed and instructed departmental training for new employees**.**
- Installed new computer software for major applications and performed on-going problem resolution activities on existing software applications.

TYLER JUNIOR COLLEGE   **Tyler, Texas**
Computer Programmer / Computer Operator   1978-1980

TYLER INDEPENDENT SCHOOL DISTRICT   **Tyler, Texas**
Hubbard Junior High School Band Director   1977-1978

CLYDE INDEPENDENT SCHOOL DISTRICT   **Clyde, Texas**
High School / Junior High School Band Director   1974-1977

McCAMEY INDEPENDENT SCHOOL DISTRICT   **McCamey, Texas**
High School / Junior High School Band Director   1972-1974

OTHER EXPERIENCE / MILITARY

TEXAS TECH UNIVERSITY **Lubbock, Texas**
Graduate Teaching Assistant – Instrumental Music 1971-1972

U. S. NAVY Active 1969 to 1971
Reserves 1971 to 1990

- Active duty -Division Officer / Assistant Division Officer
- Active duty - Qualified as Officer of the Deck Underway / In Port
- Reserve duty - Commander (Retired) – Secret Security Clearance
- Attended Reserve Command and Staff Course – U.S. Naval War College, Newport, R.I.
- Held five different reserve unit commanding officer positions.

ADDITIONAL PROFESSIONAL EXPERIENCE

Angelo State University Committees:
- Member ASU Academic Excellence Committee
- Member ASU University Curriculum Committee
- Member ASU Campus Space Planning Committee
- Member ASU Carr Academic Scholarship Program Advisory Committee
- Member ASU Financial Aid Committee
- Member ASU Committee on Committees
- Member ASU Faculty Salary Schedule Presidential Task Force
- Member ASU Committee on Faculty Development and Enrichment Programs
- Member ASU Faculty Senate (two three-year terms)
- Chair, ASU Faculty Senate Student Affairs Committee
- Member Howard College CIS Advisory Committee (ASU Representative)
- Member ASU SACS Compliance Certification Steering Committee
- Chair, Academic Programs: General Education Sub-Committee (SACS Compliance Certification Steering Committee).

ASU Computer Science Department Committees:
- Curriculum Committee
- Recruiting and Outreach Committee
- Ethics Committee (Chair)
- Faculty Search Committee

Other University/College Professional:
- Member South Plains College Instructional Council
- Member Reese Center Tenant Property Owners Consortium
- Member South Plains College Lubbock Advisory Committee
- Member South Plains College Tech-Prep Consortium Advisory Committee
- Member Howard College Computer Resource Committee
- Member Howard College Faculty Senate
- Charter Member Howard College Website Committee
- Charter Member Howard College Technology Plan Committee
- Howard College CISCO Networking Academy Coordinator

OTHER PROFESSIONAL EXPERIENCE

- Attended Summer Workshop on Cyber Security Education at Texas Tech University, Lubbock, Texas, August 12-16, 2013.
- Attended 2012 ASU-CITR Summer Institute on Teaching and Learning in San Angelo, Texas, May 17-18, 2012.
- Attended the 2010 SACSCOC Annual Meeting in Louisville, Kentucky, on December 4-7, 2010.
- Attended ASU-CITR Summer Institute on Teaching and Learning at Marble Falls, Texas, May 20-22, 2010.
- Presented "Cyberbullying", ASU Expanding Your Horizons, Girl Scouts preview day, San Angelo, Texas, January 23, 2010.
- Presented "Cyberbullying", ASU Expanding Your Horizons, Girl Scouts preview day, San Angelo, Texas, February 23, 2013.
- Attended 25th Annual Lilly Conference on College Teaching at Miami University in Oxford, Ohio, November 17-20, 2005.

NON-PROFESSIONAL EXPERIENCE/SERVICE

- Judged at Annual Business Plan Competition sponsored by the Concho Valley Center for Entrepreneurial Development, San Angelo, Texas. (2005, 2006, 2007, 2008, 2009)
- Graduate of Leadership San Angelo program, San Angelo, Texas
- Member of Leadership San Angelo Alumni Association, San Angelo, Texas
- Distinguished Lieutenant-Governor, Texas-Oklahoma Kiwanis District, Division 12 (2007-2009)
- Awarded Life member status in Texas-Oklahoma Kiwanis Past-Lieutenant Governor's Association (2009)
- Distinguished Secretary, Kiwanis Club of West Angelo, San Angelo, Texas (2010, 2014)
- Past-President, Kiwanis Club of West Angelo, San Angelo, Texas
- Board of Directors, Kiwanis Club of West Angelo, San Angelo, Texas
- Awarded "Legion of Honor" by Kiwanis Club of West Angelo for thirty years of service to Kiwanis International (2014)
- Kiwanis Club of West Angelo, San Angelo – 26 years perfect attendance (2011)
- Kiwanis – Texas/Oklahoma District Certified Leadership Trainer (2010-present)
- Kiwanis – Texas/Oklahoma District New Club Building Zone Chair (2011)
- Board of Directors, San Angelo Nature Center
- Board of Directors, Crime Stoppers of San Angelo, Inc.
- United States Soccer Federation Referee, Instructor, and Assessor (all amateur levels)
- Texas Association of Sports Officials - Level I Soccer Referee and Assessor (Texas High Schools)
- Secretary, Concho Valley Chapter, Texas Association of Sports Officials (Soccer)
- National Intercollegiate Soccer Officials Association Soccer Referee (NCAA Division I College / University)
- Charter Faculty Advisor – Angelo State University CKI (Circle K) student service organization (Chartered Fall 2009).
- Received ASU Student Government Association Award for "Faculty Advisor of the Year", April 2010.
- ASU CKI named "Best CKI Chapter" in Texas-Oklahoma District of Kiwanis International, March 2011.
- Received "CKI - Best Faculty Advisor" award for Texas-Oklahoma District of Kiwanis International, March 2011.

PUBLICATIONS/PAPERS/PRESENTATIONS

- (**M. Crouch**, *Positive and Negative Impacts of Virtual Communities,* Association of Computer Educators in Texas (ACET), to be presented at the 42nd Annual ACET Conference , Sugarland, Texas, November 2, 2012. ACET Journal of Computer Education and Research, Vol. 8, December 2012.

- **M. Crouch,** *The Ethical Evolution of Hacking: From Model Railroading to Cyberspace.* ACET Journal of Computer Education and Research, Vol. 8, December 2012.

- **M. Crouch,** *Virtual Worlds: Reality or Non-Reality,* Virtual Presentation at the 9th International Conference on Technology, Knowledge and Society, Vancouver, British Colombia, Canada, on January 14, 2013. International Journal of Technology, Knowledge and Society,

- **M. Crouch**, *Psychometric Evaluation of Anxiety and Attitudes Towards Computers with Community College Students*, presented at Southwest Educational Research Association, San Antonio, Texas, January 22, 1999.

- Masters Thesis Title, *A Pedagogy and Performance Analysis of the 1971-74 University Interscholastic League Contest List for Baritone Horn,* Texas Tech University, August 1972.

- Masters Thesis Title, *Changes in Employee Behavior as a Function of Participation in Quality Circles,* Angelo State University, May 1985.

- Dissertation Title, *Perspectives of Administrative Strategies and Faculty Satisfaction of Internet-Based Academic Courses in Texas Community Colleges,* Texas Tech University, May, 2001.

- "Cyberbullying", ASU Expanding Your Horizons, Girl Scouts preview day, San Angelo, Texas, January 23, 2010.

- "Social Networking Safety", 17th Annual "Building Blocks for the Future" Concho Valley Health and Social Resources Coalition Seminar, San Angelo, Texas, November 5, 2011.

GRANTS

- "Develop Computer Science 3324: Files Structures". Angelo State University Faculty Development and Enrichment Grant. Summer 2003.

- "Develop CS 1331: Principles of Data Processing as an Online Course". Angelo State University Technology Development Grant. Summer 2006.

- "Develop CS 1301: Computer Literacy as an Online Course". Angelo State University Faculty Development and Enrichment Grant. Summer 2009.

- (Non-funded) "Develop Advanced CS Database Management Course "CS 4311 – Web Database Design". Angelo State University Faculty Development and Enrichment Grant. Summer 2011.

REVIEWS

- "*Ethics and Technology: Ethical Issues In An Age of Information and Communication Technology*" third edition by Herman Tavani, published by John Wiley & Sons, Inc., June 19, 2009.

- "*Database Concepts*" fifth edition by David Kroenke and David Auer, published by Prentice-Hall, November 9, 2009.

- "*Java Programming*", first edition by Herbert Schildt and Dale Skrien, to be published by McGraw-Hill, 2013.

- Reviewer, ACM SIGCSE 2011: Reaching Out. The 42nd ACM Technical Symposium on Computer Science Education, March 9-12, 2011, Dallas, Texas.

- Reviewer, ACM ITiCSE 2011: 16th Annual Conference on Innovation and Technology in Computer Science Education, June 27-29, 2011, Darmstadt, Germany.

- Reviewer, ACM SIGCSE Denver 2013: The Changing Face of Computing. March 6-9, 2013, Denver, Colorado.

- Reviewer, ACM SIGCSE Atlanta 2014: Leveraging Computing to Change Education, March 5-8, 2014, Atlanta, Georgia.