Department of Computer Science

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David S. Burris
Ph.D. Texas A&M 1976
MS Physics Southwest Texas State University 1972
BS Physics/Math Southwest Texas State University 1969

Professional Licensure and Certifications
Certified Computer Programmer (systems programming)
Certified Software Engineer
Certified Systems Professional
Certified Computing Professional

Dr. Burris career in teaching includes application of computers to scientific/engineering applications (numerical analysis), business data (corporate and web), systems programming, and developing materials for the College of Education. Industrial experience includes designing emergency shut-down systems for nuclear reactors, petrochemical process control, and applications in thermodynamics. Additional projects with NASA (especially the shuttle and space station), White Sands Missile Range, NOAH, numerous applications in law enforcement (Justex Systems Inc.), inventory/tracking systems for weapons of mass destruction (nuclear), aerospace, mapping electromagnetic fields for ICBM guidance systems, sea bed mapping (commercial and submarines), communications, Army, Navy, Air Force, etceteras.

Dr. Burris has been a speaker at NISOD, J/CCPAT, AASUC, and other educational venues. Technical presentations, especially in cryptography and Steganography, have been made for law enforcement including the FBI, InfraGard (support for Homeland Security), and ISSA (Information Systems Security Association).

Dr. Burris is currently the Articulation Coordinator for Sam Houston State University. Responsibilities include developing programs in Online Articulation, Joint Admissions, Reverse Transfer, Cooperative Advising, and Time Compressed Degree Programs. Dr. Burris is responsible for developing and providing personnel and technical support for partner colleges. Dr. Burris frequently represents the university at professional conferences as a speaker on articulation techniques and issues. SHSU's articulation program is widely acknowledged as one of the best transfer programs in the state. Request for information by universities out of state desiring to improve their systems include Arizona, California, Utah, Tennessee, Kentucky, and institutions on the east coast.