

Name: Thomas W. Jenkins

Education:

MS - Electrical and Computer Engineering, NMSU, 1988
MS - Computer Science, NMSU, 1977
BBA - Business Systems Analysis, NMSU, 1974
BA - Spanish, NMSU spring 2004

Academic Experience:

2008 – present, Professor, Department of Engineering Technology and Surveying Engineering, New Mexico State University
1998 – 2007 Associate Professor, Department of Engineering Technology, New Mexico State University, coordinator of the electronics program, 1994-1998.
1990 – 1998 Assistant Professor, Department of Engineering Technology, New Mexico State University

Non-academic Experience:

1983-86, 1987-1990 Member of Technical Staff, TRW, White Sands Johnson Center, Las Cruces, NM
1986 Member of Technical Staff, Eagle Signal Controls, Austin, TX
1981-83 Head of Software Engineering, Computer Technology Associates, El Paso, TX
1979-81 Data Base Management Specialist / Senior Scientific Programmer, OAO Corporation / Kentron International, White Sands Missile Range, Las Cruces, NM
1976-78 Programmer Analyst, NMSU, Las Cruces, NM

Certifications / Professional Registrations:

Hewlett Packard RTE software school.
North Star application software school

Membership in Professional Organizations:

Institute of Electrical and Electronic Engineers
American Society for Engineering Education

Honors & Awards:

Tau Alpha Pi Professor of the Year 2002-2003; member Tau Alpha Pi National Honor Society; TRW Roll of Honor Award for Artificial Intelligence IR&D project; TRW/NASA Group and Individual Achievement Awards for support of the TDRSS launch, deployment, and on-orbit testing; TRW/NASA Certificate of Recognition; ARMTE letter of commendation for superior service to this agency. New Mexico Alliance for Minority Participation mentor certificate of appreciation; Nominated and included in “Who’s Who Among America’s Teachers”.

Service activities:

Member (and chair) of several departmental, college, and university, regional, national, and international committees.

Heavily involved in student advising along with Recruitment and Retention activities.

Grant and proposal efforts resulting in increased departmental and college resources.

Continuous and ongoing efforts to develop and improve effective labs and general curriculum. New Mexico Alliance for Minority Participation mentor.

Reviewed submitted papers for journals as well as various conferences.

Publications:

“Sustainable Energy Technology Curriculum Components: A Model Methodology for Engineering or Engineering Technology Programs” - **Sixth LACCEI International Latin American and Caribbean Conference for Engineering and Technology (LACCEI’2008)**

“Renewable Energy Technology: Engineering and Engineering Technology Educational Opportunities” - **Fifth LACCEI International Latin American and Caribbean Conference for Engineering and Technology (LACCEI’2007)**

“WebCT in Assessment: Using On-Line e-Tools to Automate the Assessment Process” – **Proceedings of the 2007 National ASEE Conference** – 2007

“Programming the 8254 PIT: A Tech-Tip Example and Boilerplate” - **The Technology Interface**, 2007

“Opportunities in Engineering and Engineering Technology Education: Renewable Energy Technologies”, **2007 ASEE Rocky Mountain Section Conference**, 2007

“The Use of a Project Oriented Capstone Course in an Assessment Process” - **New Mexico Space Grant Consortium 8th Annual Science, Engineering, & Technology Education Conference** 2006

“Undergraduate Recruitment: A Model Strategic Plan for Undergraduate Recruitment of Students for Engineering Technology Departments” - **The Technology Interface**, 2006

“A Project-Oriented Capstone Course: The Design and Use in Assessment” - **Proceedings of the International Conference on Engineering Education**, 2006

“Programming the 8259 PIC: A Tech-Tip Example and Boilerplate” - **The Technology Interface**, 2006

Professional Development:

Attended "Teaching Seminars" over a variety of specific topics sponsored by NMSU Center for Educational Development. These are designed specifically for improving college-teaching skills. Attended a three credit graduate education course - "Designing Instruction for the College Classroom". Extensive use of professional organizations (IEEE, ASEE, etc.) and professional journals to maintain currency to areas related to teaching and professional expertise.

Attended several Internet and distance education related seminars, workshops, and conferences to improve my knowledge and skills related to this topic area and incorporate these into the classroom.

Obtained proficiency in second language – Spanish

Number of Years in Service to Department: 20 years

Date Hired: 1990