

Susan L. Miertschin

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Qualifications

- Career educator with recent experience teaching/developing online courses in computer information systems technology and also taking online courses.
- Productive, team player with strong work ethic, service orientation, and administrative skills.
- Technical expertise in course management systems, online lesson development, and general Internet web site development.

Skills

Developing Working Relationships	SoftChalk Lesson Builder
Technical Writing Including Proposals	Camtasia Studio
WebCT Vista, Moodle, Desire 2 Learn	Office Productivity Tools
Horizon Wimba, Elluminate	

Experience

- 2000 to present University of Houston College of Technology
Associate Professor, Information Systems Technology
- Develop and teach courses face-to-face, online, and hybrid mode.
 - Courses taught recently: TECH 1313 Impact of Modern Technology on Society, ITEC 2336 Internet Application Development, ITEC 4339 Enterprise Applications Development.
 - Participated in ABET Accreditation process for Computer Information Systems academic program, with visit in November, 2008, accreditation earned.
- 2006 U. of Texas School of Health Information Sciences at Houston
Adjunct Faculty
- Developed and taught an online graduate level course in data structures for bioinformatics, Fall 2006.
- 1999–2000 University of Houston Operating Systems Group
Faculty Consultant
- Created a web-based information system for organizing offsite storage and rotation of system backup tapes for legacy student record system.
 - Contributed to the development of a partially automated web-based reporting system for system performance metrics.
- 1992–1998 University of Houston College of Technology
Coordinator of Computer Activities
- Met increasing faculty/students demand for instructional computing technology; established a presence for the College of Technology on the web by creating and coordinating a network of volunteer web authors; increased dialog between the Collage and the Department of Information Technology to enhance instructional computing.

	<p>Prior to 1992 University of Houston Houston, TX</p> <p>Assistant/Associate Professor, Technical Mathematics</p> <ul style="list-style-type: none"> • Developed and taught applied mathematics and programming courses for students enrolled in College of Technology programs, including a numerical methods course for Engineering Technology students.
<p>Education</p>	<p>Graduate Certificate of Medical Informatics, University of Texas School of Health Information Sciences at Houston, December, 2008.</p> <p>Twenty-one graduate hours in Information Systems, Dakota State University – Completed 2007- present, hours apply toward D.Sc. in Information Systems.</p> <p>B.S., Mathematics (magna cum laude), University of Houston.</p> <p>M.Ed., Curriculum and Instruction (mathematics specialization), University of Houston.</p>
<p>Recent Interactions</p>	<p>Goodson, C., Miertschin, S. Stewart, B. Faulkenberry, L., And M. Norwood. “On-Line Distance Education and Student Learning – Do They Measure Up?”, Proceedings of the 2009 Annual Conference of the American Society of Engineering Education, Austin, TX, June 2009.</p> <p>Goodson, C., Miertschin, S., Stewart, B. and L. Faulkenberry. “Student Perceptions of Academic Honesty in an Electronic Age”, <i>Computers in Education Journal</i>, January 2009.</p> <p>Pepper, C. Miertschin, S., Raven, R. “Congestive Heart Failure: Quality Indicators in Patient Education”, presented at The University of Texas School of Health Information Sciences at Houston Poster Symposium, December 2008.</p> <p>Miertschin, S. and C. Willis. "Using Course Maps to Enhance Navigation of E-Learning Environments", <i>Proceedings of the 2008 American Society for Engineering Education Annual Conference and Exposition</i>, Pittsburgh, June 2008.</p> <p>Miertschin, S. and C. Willis. "Enhancing Higher Order Thinking and Learning Skills through Visualization with Tablet PCs ", Presented at the 2008 American Society for Engineering Education Annual Conference and Exposition, Pittsburgh, June 2008.</p> <p>Journal of Engineering Technology Editorial Board, 1997 to 2005. Editor in Chief 2001-2005.</p> <p>“Developing Podcasting as an Essential Skill for Organizational Problem Solving”, S. O’Neil, S. Miertschin, H. Bigley, funded by UH 2006 (\$24,920).</p> <p>“Using Interactive Concepts Maps to Enhance Learning and Thinking Skills”, D. Bennhadou, F. Attarzadeh, C. Willis, S. Miertschin, funded by UH 2006 (\$25,000).</p> <p>“The Tablet PC as a Mind Tool for Enhancing Thinking and Learning Skills”, C. Willis and S. Miertschin, funded by NSF CCLI Adaptation and Implementation (Comprehensive) 2005-2007 (\$99,996).</p> <p>“Using a Wiki to Collaboratively Build Online Content”, S. Miertschin, funded by UH 2005(\$4,000).</p> <p>El Paso Energy Faculty Achievement Award, 2001-2002.</p> <p>“Electronic Classroom Enhancements” funded by UH Information Technology Division to provide electronic enhancements to classrooms in the College of Technology 1998 (\$35,000).</p> <p>College of Technology Outstanding Faculty Award for Teaching, 1998.</p> <p>“Networking Computers in College of Technology Computer Laboratory” funded by UH Information Technology Division 1994 (\$77,800).</p>