

Ken T. N. Hartness, Assistant Professor, Terminal Contract

8/15/1995 Hired as lecturer in Computer Science Department

1/15/2005 Assistant Professor

Degrees Earned

Ph.D., Computer Science, University of North Texas, 2004

M.S., Computer Science, Texas A & M University, 1987

B.S., Computer Science, Mathematics, Texas Christian University, 1985

Conferences, workshops and professional development programs

- CCSC-SC, Austin, TX, April 2010.
- Workshop: JavaWIDE – Innovation in an on-line IDE. CCSC-SC, April 2010.
- Blackboard distance learning certification, August 2009.
- FLAIRS-22, Sanibel Island, FA, May 2009.
- MLeXAI Workshop, Sanibel Island, FA, May 2009.
- CCSC-SC, Hammond, LA, April 2009.
- Workshop: Java assembly language programming in the JVM. CCSC-SC, April 2009.
- CCSC-SC, Corpus Christi, TX, April 2008.
- Workshop: Teach with Alice – and have fun! CCSC-SC, April 2008.
- Workshop: Rich Internet applications (RIA): Ajax, Ruby on Rails, and PHP. CCSC-SC, April 2008.
- ISECON, Pittsburg, PA, November 2007.
- Introducing geographic information systems into the IS curriculum: GIS tutorial and preparation workshop. ISECON 2007, November 2007.
- CCSC-SC, Wichita Falls, TX, April 2007.
- Workshop: Learning Python. CCSC-SC, April 2007.

Consulting

- Redesigned and assisted First Christian Church, Huntsville, with their web site intermittently between 2007 and 2010.

Peer-Review Publications and Artistic Performances/Exhibitions

- Hartness, K. "Working to change perceptions" *The Journal of Computing Sciences in Colleges* (accepted for publication in 2011).
- Hartness, K. "To emphasize openness" *International Journal of Applied Geospatial Research* (accepted for publication in 2011).
- Hartness, K., L. Shannon. "Peer mentors and their impact for beginning programmers" *Information Systems Education Journal* (accepted for publication in 2011).
- Shannon, L., K. Hartness. "Leading to success via mentorship" *Issues in Information Systems* 11(1), 2010.
- Shannon, L., K. Hartness. "Mentorship: A bridge to retention" *ACET Journal of Computer Education and Research* 6, 2009.
- Hartness, K. "Coaching asynchronous teams for undergraduate programming projects" *Information Systems Education Journal*, 7(26), April 2009.

Peer-Review Presentations/Posters

Game-related examples for artificial intelligence (poster). *The 22nd International FLAIRS Conference*, May 2009.

Coaching asynchronous teams for undergraduate programming projects. ISECON 2007, Pittsburgh, PA, November 2007.

Eclipse for group projects (workshop). South Central regional conference of the Consortium for Computing Science in Colleges, Wichita Falls, TX, April 2007.

Funded External Grants

Texas Youth in Technology Grant, Texas Workforce Commission. Ken T. N. Hartness and Li-Jen Shannon, co-PIs. Award: \$178,386.

Courses taught in last two years:

Semester	Course Num.	Title	Hours	Size
Fall 2009	CS 278	Special Topics: Programming in COBOL	3	14
Fall 2009	CS 334	Database Management Systems	3	38
Fall 2009	CS 537	Database Security	3	22
Spring 2010	CS 147	Prog. Algorithms & Data Structures	4	13
Spring 2010	CS 373	Human Computer Interaction	3	17
Spring 2010	CS 572	Artificial Intelligence	3	16
Fall 2010	CS 278	Special Topics: Programming in COBOL	3	21
Fall 2010	CS 334	Database Management Systems	3	41
Fall 2010	CS 537	Database Security	3	7
Spring 2011	CS 336	Information Systems Design & Mgt.	3	10
Spring 2011	CS 373	Human Computer Interaction	3	13
Spring 2011	CS 572	Artificial Intelligence	3	15
Fall 2011	COSC 2347	Special Topics: Programming in COBOL	3	28
Fall 2011	COSC 3318	Database Management Systems	3	36
Fall 2011	COSC 4349	Professionalism and Ethics	3	20
Fall 2011	COSC 5335	Database Security	3	22
Spring 2012	COSC 1436	Programming Fundamentals I	3	19
Spring 2012	COSC 3331	Human-Computer Interaction	3	34
Spring 2012	COSC 3337	Info Sys Design & Management	3	12
Spring 2012	COSC 4349	Professionalism & Ethics	3	19

Other assigned duties:

	Hours/Week
Undergraduate advisor	4

Number of students served as academic advisor: 93

Time devoted to scholarly and/or research activities: 25%

Exploring the use of data mining techniques to capture user preferences in a shared calendar.

Developing a coach to assist students in the use of a source code management system in order to maintain their involvement in group projects.