Human Factors Relevant Courses, Spring 2009

4000 and 5000 level

WRIT 4501: Usability and Human Factors in Technical Communication Tuesdays at 5:30-8:00 p.m. Open to graduate students.

CSci 5125: Collaborative and Social Computing. 08:15 A.M. - 09:30 A.M., Tu, Th, Konstan and Terveen, Introduction to computer-supported cooperative work, social computing. Technology, research methods, theory, case studies of group computing systems. Readings, hands-on experience.

CSci 5511 - Artificial Intelligence I, 4:00 P.M.-05:15 P.M., M, W MechE 212 (3.0 cr; Prereq-2011 or #) Introduction to AI. Problem solving, search, inference techniques. Logic and theorem proving. Knowledge representation, rules, frames, semantic networks. Planning and scheduling. Lisp programming language.

Csci 5512 - Artificial Intelligence II 09:45 A.M.-11:00 A.M., M, W, EE/CSci 3-111 (3.0 cr; Prereq-[STAT 3021, 4041] or #) Uncertainty in artificial intelligence. Probability as a model of uncertainty, methods for reasoning/learning under uncertainty, utility theory, decision-theoretic methods.

IE5513 Engineering Safety, 4 cr. Chaplain, 6:10 – 9:00 PM Th, Rapson Hall 45.

CSci 5980 - Special Topics Graduate Course in Software Engineering  TOPIC: Software Development for Regulated Industries: Medical Devices.  INSTRUCTOR: Richard Chapman, U.S. Food and Drug Administration (FDA)  WHEN: Thursday, 6:30pm-9:00pm  WHERE: On campus, EE/CS 3-115

8000 level

HUMF/IE 8541 Intelligent Decision Support Systems. 1:25-3:15 MW, Hayes Intelligent Decision Support Systems (DSSs) offer a way of assisting people to “work smarter” which will become increasingly critical in helping businesses stay competitive in the 21st century. Students will learn concepts through articles from the literature, and projects of their own choosing.

DHA 8112 Design Theory and Criticism, 3 cr., Th eve. 6-9. Focus on theories that relate to human behavior and “built” environments. Students are given latitude to explore theories that interest them.

KIN 8211 Perception and Action, 3 cr., Stoffregen, 3-5:30 Tu

Seminars: HUMF 8001, or HUMF 8002

Human Factors Relevant Courses, Fall 2009

DHA 5185 Human Factors in Design, Dunne. Wearable technology.


IDSc 8711 Cognitive Science, 4 cr. Instructor: Johnson. Offered each fall.