

HCC CONCENTRATION AREA READING LIST: HUMAN FACTORS ENGINEERING

1. MacKenzie, I. S. (1992). Fitts' law as a research and design tool in human-computer interaction. *Human-Computer Interaction*, 7, 91-139.
2. Olson, J.R. and Olson, G.M. (1990). The growth of cognitive modeling in human-computer interaction since GOMS. *Human-Computer Interaction*, 5, 221-265.
3. Hollan J.D., Hutchins E., and Kirsh D . Distributed cognition: A new foundation for human-computer interaction research. *ACM ToCHI* 7 (2) 2000, 174-196.
4. John, B. & Kieras D.E. (1996). The GOMS Family of User Interface Analysis Techniques: Comparison and Contrast. *ACM TOCHI*.
5. Fischer, G.: 2001 User modeling in human-computer interaction. *User Modeling and User-Adapted Interaction* 11 (1- 2), 65-86.
6. Stanney, K.M., Mourant, R.R., Kennedy, R.S. 1998. Human factors issues in virtual environments: Our view of the literature. *Presence: Teleoper. Virtual Environ.* 7, 4, 327-351.
7. Endsley, M. R. (1995). Measurement of situation awareness in dynamic systems. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 37(1), 65-84.
8. Wickens, C. D., & Carswell, C. M. (1995). The proximity compatibility principle: its psychological foundation and relevance to display design. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 37(3), 473-494.
9. Parasuraman, R., & Riley, V. (1997). Humans and automation: Use, misuse, disuse, abuse. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 39(2), 230-253.
10. Schneider, W. (1985). Training high-performance skills: Fallacies and guidelines. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 27(3), 285-300.
11. Gopher, D., Well, M., & Bareket, T. (1994). Transfer of skill from a computer game trainer to flight. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 36(3), 387-405.
12. Salas, E., Burke, C. S., Bowers, C. A., & Wilson, K. A. (2001). Team training in the skies: does crew resource management (CRM) training work?. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 43(4), 641-674.
13. Ogden, G. D., Levine, J. M., & Eisner, E. J. (1979). Measurement of workload by secondary tasks. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 21(5), 529-548.
14. Wickens, C. D., Sandry, D. L., & Vidulich, M. (1983). Compatibility and resource competition between modalities of input, central processing, and output. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 25(2), 227-248.
15. Hancock, P. A. (1989). A dynamic model of stress and sustained attention. *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 31(5), 519-537.