

**University of Houston-Clear Lake
Human Factors and Ergonomics Seminar**

Learning Objectives: This course is designed to prepare students to be professionals in the field of Human Factors and Ergonomics. Students will learn to present themselves and behave in a professional manner. This includes ethical behavior, professional development, and expertise in the field. To accomplish these learning objectives, over the three semester series, students will develop: their curriculum vita, at least two professional contacts outside of the university, and a presentation on ethical considerations in the area of Human Factors and Ergonomics that they are pursuing.

Grading: This course is essentially a Pass/Fail course but attendance is required and will be taken every session. Grading scale is as follows (based on # of sessions attended):

- 4 sessions: A
- 3 sessions: A-
- 2 sessions: B
- 1 session: C

Participation: There will be reading requirements for the 2nd, 3rd, and 4th sessions every semester and you should expect it to take 2 – 4 hours to read the material for each session. It will be VERY important that you come prepared to discuss the reading material assigned and to participate in the discussion on the material. It will not be acceptable to come unprepared and/or to not participate. If students regularly come unprepared and do not participate, this will negatively impact their grades.

Schedule: Below is a tentative schedule, however it is subject to change.

Semester A:

January 23, 2009	Orientation & schedule	Presentation-Atkins Global
February 20, 2009	Seminal Papers	Curriculum Vita development
March 13, 2009	Seminal Papers	Ethics
April 24, 2009	HHFES One-day seminar	Professional development

Semester B:

August 28, 2009	Orientation & schedule	Warnings and labels
September	Current research	Doctoral programs
October	HFES conference	Professional development
November	Current research	Cluster Analysis

Semester C:

January 29, 2010	Orientation & schedule	Ethnography
February	Current research	Computer modeling
March	Current research	Forensics
April	HHFES One-day seminar	Professional development