

SEIPS EXTENDED PART I - Human Factors and Sociotechnical Systems Engineering

Day	Date	Time	Lecture	Faculty
Monday	7-13-09	7:00-8:00am	<i>Breakfast and Registration</i>	
		8:00-9:00am	Overview and Course Objectives	Dr. Pascale Carayon
		9:00-10:30am	Complex Sociotechnical Systems	Dr. Ben-Tzion Karsh
		10:30-10:45am	<i>Break</i>	
		10:45am-12:15pm	What is Human Factors Engineering, What is an Error and What is a System – Part I	Dr. Ben-Tzion Karsh
		12:15-1:15pm	<i>Lunch</i>	
		1:15-2:15	The Physical Environment	Dr. Carla J. Alvarado
		2:15-2:30pm	<i>Break</i>	
		2:30-3:30pm	The Physical Environment (cont.)	Dr. Carla J. Alvarado
		3:30-4:30pm	The Human in Human Factors - Who Will Be in the Health Care Workforce of the Future?	Dr. Carla J. Alvarado
		4:30-5:00pm	Introduction to the Case Study Analysis	Dr. Pascale Carayon and Faculty
		5:00-6:30pm	<i>Reception</i>	Attendees and Faculty
Tuesday	7-14-09	7:00-8:00am	<i>Breakfast and Conversation</i>	
		8:00-10:00am	What is Human Factors Engineering, What is an Error and What is a System – Part II	Dr. Ben-Tzion Karsh
		10:00-10:15am	<i>Break</i>	
		10:15am-12:00pm	The Physical Environment and Evaluation of Ergonomics	Dr. Carla J. Alvarado Dr. Mary E. Sesto
		12:00-1:00pm	<i>Lunch</i>	
		1:00-2:45pm	Organizational/Job Design and Workload	Dr. Pascale Carayon
		2:45-3:00pm	<i>Break</i>	
		3:00-5:00pm	Management of Sociotechnical Change	Dr. Pascale Carayon
Wednesday	7-15-09	7:00-8:00am	<i>Breakfast and Conversation</i>	
		8:00-10:00am	Cognitive Ergonomics	Dr. Douglas A. Wiegmann
		10:00-10:15am	<i>Break</i>	
		10:15am-12:15pm	Cognitive Ergonomics (cont.)	Dr. Douglas A. Wiegmann
		12:15-1:15pm	<i>Lunch</i>	
		1:15-2:15pm	Technology Design and Usability	Dr. John W. Gosbee
		2:15-2:30pm	<i>Break</i>	
		2:30-3:30pm	Technology Design and Usability (cont.)	Dr. John W. Gosbee
Thursday	7-16-09	3:30-5:00pm	Case Study Analysis and Poster Preparation	Dr. Pascale Carayon and Faculty
		7:00-8:00am	<i>Breakfast and Conversation</i>	
		8:00-10:00am	Organizational Issues and the Role of Healthcare Provider	Dr. Robert L. Wears
		10:00-10:15am	<i>Break</i>	

10:15-12:00pm	Teamwork	Dr. Douglas A. Wiegmann, Dr. Robert L. Wears, and Dr. Shawna Perry
12:00-1:00pm	<i>Lunch</i>	
1:00-2:30pm	Poster Session	Dr. Pascale Carayon and Faculty
2:30-2:45	<i>Break</i>	
2:45-4:30pm	Human Factors Engineering in Healthcare- A Provider's Experience	Dr. Shawna Perry
4:30-5:00pm	Wrap-up and Evaluations	Dr. Pascale Carayon and Faculty