

Course Title	USER EXPERIENCE DESIGN
Course Code	CSC 303
Course Purpose and Objectives	The objective of the course is to develop two capabilities: (1) to read and critique the HCI research literature, and (2) to define and carry out (HCI) research projects. These capabilities obviously are related: the critical skills necessary to evaluate published contributions to the research literature are indispensable in defining, planning, carrying out, documenting, and reporting your own research. Furthermore, the skills you learn are not specific to HCI, so you should be able to apply them to whatever other research domains you participate in.
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Manage communication between human factors engineers and computer scientists on user interface development projects. • Apply concepts and strategies for making design decisions. • Describe tools, techniques, and ideas for interface design. • Evaluate literature of human-computer interaction. • Explain the importance of good user interface design
Course Content	<ul style="list-style-type: none"> • Introduction to User Experience Design • User Research and Analysis • Information Architecture • Interaction Design • Visual Design for UX • Usability Testing and Evaluation • Mobile and Responsive Design • Accessibility and Inclusive Design • UX Metrics and Analytics • UX Design Process and Collaboration • Emerging Trends in UX Design • Capstone Project