EXPANDED COURSE DESCRIPTION
YORK/SHERIDAN DESIGN
School of the Arts, Media, Performance and Design
Design Department
FA / YSDN 1006 3.0 SECTION M
FUNDAMENTALS AND METHODS: VISUAL INTERAC
FALL 2018 / WINTER 2019

Last Modified Date: 01/18/2019

COURSE CALENDAR DESCRIPTION

Examines and explores the forms of interactivity through designing visual representations of the human computer interface based on the introduction of the developing theories and models of interaction. Required course for design major. Prerequisite: FA/YSDN 1001 3.00 or permission of the Department of Design.

Note: For students not in the BDes program, compulsory and voluntary supplementary fees apply.

The most crucial property of any interactive system is its support for quality human activity. This course investigates the fundamental design principles that would lead to such support. The model of task performance proposed by Don Norman (1986) provides a framework for understanding how users’ actions relate to their goals and to the systems they use. Based on this framework, students learn to analyze purposeful human actions and construct supportive interface, address the identified users' physical, cognitive, social and cultural human factors contributing to an interactive experience of quality. Topics such as Direct manipulation, Jerome Bruner's mental model, Icon Design and issues of navigation and orientation related to the design of an interactive hypermedia system will be explored through studio projects. This course is a combination of projects, exercises, discussions and critiques, lectures, and studio work time. Required course for Design Major. Prerequisite: FA/YSDN 1001 3.0 or permission of the Department of Design. Note: For students not in the BDes program, compulsory and voluntary supplementary fees apply.

INSTRUCTOR(S)

<table>
<thead>
<tr>
<th>Name</th>
<th>Section / Format / Term</th>
<th>Contact Email</th>
<th>Contact Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buchanan, Philip</td>
<td>Sec. M / STDO / W</td>
<td><a href="mailto:pbuch@yorku.ca">pbuch@yorku.ca</a></td>
<td></td>
</tr>
</tbody>
</table>

Many courses utilize Moodle, York University’s course website system. If your course is using Moodle, click here to access it.
Moodle @ York University