Syllabus / Schedule of Sessions


*** Subject to Change ***

Remark: Please note that this timetable may be modified and updated at later points of time to account for emerging topics, student interests, student presentations, guest lectures, etc.

Introduction and Overview Lectures

January
12 Introduction, Discussion of Class
14 Demos of Envisionment and Discovery Collaboratory/PitaBoard and Clever; — location: L3D Lab

19 no lecture — Martin King Holiday (university closed)
21 Overview of Design Assignment 1: due 1/21


28 Overview of Collaboration Assignment 3: due 1/28

Series of Lectures about Design

February

Guest Lecture — Hal Eden: Squeak — An Innovative Programming Environment
Initial Idea about Independent Research Projects Due

Guest Lecture — Elisa Giaccardi: Meta-Design - Interactive Art (bring your laptop)
Initial Team and Refined Ideas about Independent Research Projects Due

Role Playing with the EDC/PitaBoard — Session 1 — location: L3D Lab
Assignment 6: due 2/16

Guest Lecture by Elisa Giaccardi: Meta-Design - Interactive Art
bring your laptop
Assign 7: due 2/18

Discussion of (a) Themes for Independent Research ("Book Project") and (b) Ideas for Projects ("Hands-On")
Assignment 8: due 2/23

Design to Learn and Design to Collaborate → explore two website:
(1) Computer Clubhouse at:
http://web.media.mit.edu/~mres/papers/Clubhouse/Clubhouse.htm
http://www.computerclubhouse.org/index.htm
(2) MamaMedia at: http://stage.mamamedia.com/
Assignment 9: due 3/1

Series of Lectures about Learning

March
Assignment 10: due 3/3

Assignment 11: due 3/8

due: Project Proposal “Hands-On” (teams); Brief Discussion in Class

Role Playing with EDC / PitaBoard — Session 2 — location: L3D Lab


Spring Break – no lecture

Spring Break – no lecture

Discussion of (a) Independent Research ("Book Project") and (b) Projects ("Hands-On")

due: Progress Reports for both "Book Project" and "Hands-On"

From "Home Alone" to Collaborative and Organizational Learning → Chapter 3


Series of Lectures about Collaboration

April

5


7

Guest Lecture about "Context Awareness in Collaborative Environments" — Shinichi Konomi

12

Independent Research Presentation: Collaborative Learning in Undergraduate Classrooms (Bill Beachley, Jun Chen, Huda Khan, Sarah Kim-Warren Scott Zweig)

14

Independent Research Presentation: Learning: Theory and Practice (Robert Surles, Jennifer Tamez)

19

Independent Research Presentation: Design of User-Friendly Systems (Joel Clawson, Genevieve Hudak, Brock LaMeres, Kitty Turner)

21

Independent Research Presentation: Collaboration in Software Development Process (Randell Rivadeneira, Rizwan Ansary, Andrew Skalet, Nilo Tsung)

26

Reviewing and Discussing the Projects ("Hands-On")

28

Guest Lecture about Living Organizational Memories — Jonathan Ostwald

*** April 30: last day of classes ***

May

3

7:30pm – 10:00pm (during scheduled exam period) Final Project Presentations
due at 10:00am: Final Report for Projects