Portland Architecture Program – University of Oregon
Winter Semester – 2009   Thursdays 6:00-8:50pm

Cognitive and Real-Time Mapping
(Urban Landscape Design Seminar)

Instructor: Arun Jain

CLASS OUTLINE

Students attending this class will gain a broad understanding of the larger framework within which urban design and urban architecture should be practiced. They will attempt to map perception and how downtown Portland is used. This will also investigate real time mapping and its related benefits and challenges.

This class is discussion heavy and participation will be evaluated. Students will answer a number of progressive problems around the above issues and be prepared to discuss in class, their readings and findings.

TENTATIVE CLASS SCHEDULE

1. Theory & basis for Urban Design I - Presentation + class discussion
   Intro Problem one – role of UD
2. Theory & basis for Urban Design II – Presentation + class discussion of Problem One
3. Cognitive Mapping – Presentation and basis for class research
   Intro Problem two (investigate various ways to map real time use)
4. Class presentation on cognitive mapping methods – Discuss Problem Two
   Intro Problem three - develop a cognitive map for a section of central city
   (manual mapping + investigate alternatives)
5. Presentation of UD knowledge base working session – team progress reports
6. Invited presentation of an aspect of cognitive mapping – class discussion
7. Class presentations of intermediate progress (problem three)
8. (Human response to the built environment, architectural determinism, planning determinism) - Class discussion
9. Challenges & issues of Cognitive mapping - Class discussion
10. Presentation of Cognitive Mapping (Problem three)