



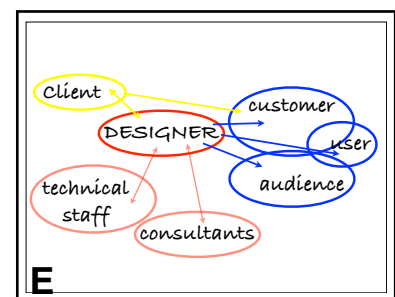
*Looking for a capstone class?  
Want to apply what you've learned in the past 4 years?*

*Computational ideas and programming are only a small part of the knowledge that you might need in the working world of CS. What is this stuff called "information" that CS works with?*

CS 4634 introduces the field of information architecture ("IA") and basic principles and methods of design. Information architecture is the structural design of shared information environments; the art and science of organizing and labeling websites, intranets, online communities and software to support usability and findability. You will explore the theories of IA, develop a broader understanding of "systems", and apply the methods of user experience design ("UX") to the creation of an information system. We consider "system" more generally than just computer systems; in particular, we consider the service design model. This capstone course asks you to pull together what you have already learned to create the semester project. Introduction to HCI is a prerequisite; in addition, you will have the opportunity to put to use GUI programming, multimedia, hypermedia, database, and/or mobile computing skills you might have acquired if you have taken CS 3714, 3744, 4570, 4604, or 4624. (I will consider waiving the Introduction to HCI pre-requisite if you have experience or skills in multimedia, XML, Javascript, JSON, interface toolkits, and/or HCI design methods such as personas and affinity diagrams. On the other hand, even experienced students are discouraged from taking 3724 and 4634 in the same semester.) As a capstone, your grade will also include public presentation, writing, reflection, team work, giving and getting feedback, and demonstrations that you have learned how to learn on your own.



<b>Sender</b>
<b>Intention</b>
<b>Message</b>
<b>Medium</b>
<b>Noise</b>
<b>Receiver</b>
<b>Destination</b>



Class will be on-line; we will reflect on how working and living on line relates to information architecture.  
info: Steve Harrison [srh@cs.vt.edu](mailto:srh@cs.vt.edu)

