

Putting It All Together: Lab Sessions

The following sessions will be interspersed throughout the semester as practical “labs” to synthesize and work with the concepts presented in the seminar. The final version of the syllabus will indicate the dates of these sessions.

- Creating Digital Operating Rules for an Online Gated Community of Commerce
 - Multi-State eMail: Deconstruction and Re-Drafting Real Rules
 - ebXML: Sample Business to Business Trading Rules for eSignatures and Electronic ID
 - Open but Bounded Communities: Communicator and Federal Gateway
 - Federated Identity and the Liberty Alliance Technical Specification
- Pitching the “Public Wireless Commons”
 - Example “Best Practices”: NYC and Portland
 - Public space and economic development
 - Starbucks “Pay-As-You-Go” and “Pre-Identified/Authorized” Counter-example
 - Business model, technical architecture and the role of the “user” – eCitizen or eConsumer?
- Deconstructing and Re-Drafting the LegalXML Specifications According to New Goals
 - eContracts Specification
 - eNotary Specification
 - Legislative Markup Language Specification
- Perpetrating a Mock Identity Theft and eSignature Forgery
 - Preventative Design to Avoid Such Attacks
 - Creating Sample Systemic Triggers to Mitigate and Shift Risk
 - Understanding How to Design Organic Systems to Absorb Residual Risks

- The States of Idaho, Kansas and Massachusetts: Creating Citizen Identity Policy
 - Unique Aspects of State-Wide Architectures
 - Open Vs. Bounded Systems
 - The Art of the Possible
 - Legislative, Executive and Judicial Overlays
 - Citizen-Centered Vs. Government-Centered
 - Privacy, Authentication, Customization and Fair Info Practices
 - Cost, Risk, Savings: Total Economic Impact, ROI, Break Even Points
 - SWOT Analysis: Strength, Weakness, Opportunity and Threat
 - Different Latitudes, Different Attitudes: State by State Values and Goals
- Massachusetts State Senate Online Hearing: Creating Appropriate Identity Authentication, Roles, Authority and ID-Based Rules
 - Senate Science and Technology Committee Hearing
 - Assuring Online Process Supports and Reflects Existing Rules
 - Opportunities for Better Speed, Breadth, Depth and Quality
 - Layering and Revealing Identity and Role in the Context of a Public Hearing
- Designing a State, National and International Framework for Electronic Notarization
 - Understanding the Uniform Electronic Transactions Act and the Federal E-SIGN Act Provisions for Electronic Notarization
 - Understanding the Model Notary Act's Electronic Notarization Provisions
 - The Human and Technical Limits
 - Legal Requirements (Common Law Vs. Civil Law Notaries)
 - Business Requirements (Real estate transactions, wills, government filings, etc)