**HLD Ideas**

**Two Examples**

**1 (April Rupp’s original formulation)**

1. Overview of C@CM
   1. Support Model
   2. Schedule
   3. Exams
2. The OLI Environment
3. Metacognitive Skills
   1. Self Directed Learning
   2. Capabilities
   3. Strategies
4. Digital Citizenship
   1. Privileges and Responsibilities
   2. Privacy and Property Rights
   3. Sharing Resources
   4. Monitoring and Enforcement
5. Computer Security
   1. Personal Security
   2. Malicious Attacks
   3. Relevant Tools
6. Andrew Services
   1. Cluster Tools
      1. Resources
      2. Printing
   2. File Storage and Sharing
   3. Blackboard
   4. Web Portal
   5. SIO
   6. The Help Center
7. Information Literacy
   1. Library Tools
   2. Understanding The Information Universe
   3. Conducting Searches
   4. Evaluating Sources
   5. Citing Sources

**2 (another possibility)**

1. Introduction to C@CM
   1. Why C@CM
   2. What’s required
   3. Support Offerings
      1. Support Groups
      2. Tutors
      3. Lead Sessions
   4. Schedule
   5. Exams
2. Using the OLI System
3. Learning Strategies
   1. Taking Responsibility for Your Learning
   2. Self-Assessment: Your capabilities and results
   3. OLI Tools To Support You
   4. Adjusting Your Approach
4. Computing…at Carnegie Mellon
   1. Tools provided as a member of the community/for a purpose
   2. Standards and rules as a member of the community
      1. Sharing Resources
      2. Crime and Punishment – the rules of the game
         1. Common Policies
         2. Range of Penalties
   3. Beyond the university—the rules we all play by
      1. Copyright and Fileshareing
   4. Aspects of the infrastructure: Network
      1. Bandwidth
      2. Wired and Wireless
   5. When things go wrong
      1. Strategies for helping yourself
      2. How to get help from others
   6. Communication
      1. Tools to use
      2. Safe communication
      3. Etiquette
5. Safe Computing
   1. Your Identity Online
   2. Protecting yourself
      1. Understanding the threats
      2. Protection
         1. Tools
            1. SW
            2. Alerts
         2. Updates
         3. Practices
   3. Avoiding Harm to others
      1. Your risks to others
   4. When things go wrong
6. Effective Computing
   1. Tools to use
      1. Clusters:
         1. What’s available
         2. Reserving resources
         3. When things go wrong
      2. Printing
      3. Blackboard
      4. SIO
   2. Managing Information
      1. File management
      2. File storage and sharing
7. Getting Good Information
   1. Using the Library Tools Set
   2. Understanding The Information Universe
      1. Information at Large
      2. Different tools to get there
   3. Evaluating your information sources
   4. Citing Sources