

Course Number & Name: LIS 488 - Technology for Information Professionals

- **Description:** This is a course that provides the conceptual foundation and context of computing, Internet, and digital publishing technologies as used in information-intensive professions. The course serves as a gateway to all other technology courses offered at GSLIS beginning with the Fall 2005 semester. The course provides an overview of how computers, telecommunications, networking, and digital publishing function. Particular emphasis is upon terminology that appears in the professional literature. Students are strongly encouraged to take this course early in their course program. The Technology Foundations course does not replace the Technology Orientation Requirement which provides hands-on skills.

- **Prerequisites:** None

- **Audience**
 - **Level:** Masters and Doctoral

 - **Environment:** All areas, core courser requirement for Master's Degree

- **Student Learning Outcomes** [by number]: 4, 10

- **Topics/List of Lectures:**
 - History and Context of Computing and Telecommunications
 - Essential Computing Concepts
 - Introduction to Telecommunication
 - Digital Publishing
 - Client/server and the Internet
 - Multimedia
 - Digital Libraries, Archives and Institutional Repositories
 - Finding and Using Technology Resources
 - Information retrieval and databases
 - Social and Ethical implications of information technology (Social Informatics)
 - Information Design, Architecture, and Human-Computer Interaction

- **Suggested Textbooks/Readings**

- **Course History:**
 - April 2004: voted in as core course

- Document prepared by: Robin Peek, 2005