

Course Number & Name: LIS 454 - Digital Information Services and Providers

Description: Provides a survey of the use and management of commercial electronic resources. The course will focus on search strategies and logics as applied to online databases in bibliographic, full-text, numeric, and directory formats. Focuses on management considerations such as client relationships, collection development, equipment purchasing, and the management of public access services. Trends in electronic publishing both in multimedia CD-ROM and the World Wide Web are explored. Instructional methods include lecture, online demonstrations, hands-on training, and guest speakers.

- **Prerequisites:** LIS 407
- **Audience (level, environment/setting):** Advanced; All
- **Student Learning Outcomes [by number]:** 2, 3, 4, 6, 9, 10
- **Topics/List of Lectures:**
 - Introduction to search engines and some searching rules
 - Search Engines; How they work
 - Evaluating and rating Search Engines
 - Indexing, abstracting, and thesauri
 - Discipline-determined literature searching
 - Information seeking
 - Controlled vocabulary and Dialog searching
 - Free vs. Fee
 - Citation Indexing-Web of Science
 - Dialog Power Searching/Searching directories and statistical databases
 - Dialog Portal
 - Full text Aggregators
 - Lexis-Nexis and web access
 - Clients for clients
 - Westlaw and other full-text resources
 - Business searching and federated searching
 - E-journals
 - Impact of networked electronic resources on public services
 - Access Management
 - Usage statistics
 - Vendors, online resources and licenses, digital rights and fair use
 - E-books and the future
- **Suggested Textbooks/Readings**

- None
- **Course History:**
 - January 2005: discussed at curriculum retreat; new name (voted in at February 2005 faculty meeting – formerly “Online Information Services”)
- **Document prepared by:** Sergio Chaparro, 1/05