05-36 2/7/06

Undergraduate Distance Education Review Form Serate Info

(Required for all courses taught by distance education for more than one-third of teaching contact hours.)

# **Existing and Special Topics Course**

Course: LIBR 251 Information Access in the Digital Age

Instructor(s) of Record: Portia Diaz

Phone: 7-4893

Email: portia@iup.edu

Step One: Proposer

A. Provide a brief narrative rationale for each of the items, A1- A5.

1. How is/are the instructor(s) qualified in the distance education delivery method as well as the discipline?

Portia Diaz created the proposed course in 2002 and has been teaching it since its approval. She has supplemented her traditional course online using the course management software WebCT. She is the quarter time librarian in the Instructional Design Center, where she has taught workshops to other faculty on how to use WebCT and multimedia software programs. She also has background in web design and development. She has responsibilities in developing, creating, and maintaining web pages for the library. She created and maintains the library page on Distance Education Services. As the Electronic Services Librarians she has educational background in Library Science and Communication and Educational Technologies.

2. How will each objective in the course be met using distance education technologies?

Students will learn about different types of libraries and the services they provide, and the policies governing their use.

Students will learn how information has been traditionally organized and how changes have occurred with increasing technology.

Students will learn how to use the online catalogs to locate bibliographic information, do direct borrowing of items, or borrow them through interlibrary loan.

Students will write a paper and learn the mechanics of writing a research citation.

Students will learn to choose and use appropriate paper and electronic tools to locate relevant periodical articles, and find them in all formats.

Students will learn to access information databases.

Students will learn the history and development of the Internet and the WWW, how to search it, and how to evaluate the information they find.

The above objectives will be met through content that combinations various multimedia formats suited to various learning styles. The lectures will be in a form of PowerPoints with streamed videos of the demonstrations on how to use various searching tools to conduct research. Hyperlinking will also be used to connect lecture content with examples (i.e. web pages). This will be via the course management system, WebCT. In using WebCT, lectures, demonstrations, and tutorials will be available to each student on how to use the online catalog and various databases. Interactive exercises with real-time feed back will be provided for each lecture through various multimedia (i.e. web pages, chat room and discussion boards). The class will meet online to do a presentation on how to use various electronic tools. Each student will be required to provide their classmates with an online evaluation. Each lecture will be followed up by an online quiz.

3. How will instructor-student and student-student, if applicable, interaction take place?

•1

The student-student interaction will be facilitated through a threaded-discussion board and chat room discussions. The instructor-student will be available online in a Virtual Office once a week and by appointments. Email will be available anytime instructor-student and student-student.

4. How will student achievement be evaluated?

Student will be evaluated through class participation in discussion boards, chats sessions, interaction with materials online, online presentation, quizzes, midterm, and a final via WebCT. Each student will have an area in WebCT with their progress reports and grades.

5. How will academic honesty for tests and assignments be addressed?

Each student will be required to take all tests via WebCT. The tests will be timed and randomized. Each student will be required to obtain a unique password for each test. Assignments will be turned in via attachment in WebCT.

B. Submit to the department or its curriculum committee the responses to items A1-A5, the current official syllabus of record, along with the instructor developed online version of the syllabus, and the sample lesson. This lesson should clearly demonstrate how the distance education instructional format adequately assists students to meet a course objective(s) using online or distance technology. It should relate to one concrete topic area indicated on the syllabus.

Step Two: Departr Recommend	nental/Dean Approval ation: 🏿 Positive (The objectives of this education)	Positive (The objectives of this course can be met via distance	
	☐ Negative		
	Signature of Department Designee	Date	
Endorsed:	Rene Attalen Signature of College Dean	1/31/06 Date	

Forward form and supporting materials to Liberal Studies Office for consideration by the University-wide Undergraduate Curriculum Committee. Dual-level courses also require review by the University-wide Graduate Committee for graduate-level section.

# 

Step Three: University-wide Undergraduate Curriculum Committee Approval

Forward form and supporting materials to Associate Provost.

# Syllabus of Record

# I. Catalog Description

LIBR 251 Information Access in the Digital Age

Prerequisites: Basic knowledge of: Applications of computers.

2 class hours
0 lab hours
2 semester hours

(2c-0l-2sh)

Introduction to library research to equip the student with information literacy skills to recognize when information is needed. The course will aim to give the student conceptual and practical expertise as an information networker to locate, evaluate, and use effectively the needed information.

# II. Course Objectives

- 1. Students will learn about different types of libraries and the services they provide, and the policies governing their use.
- 2. Students will learn how information has been traditionally organized and how changes have occurred with increasing technology.
- 3. Students will learn how to use the online catalogs to locate bibliographic information, do direct borrowing of items, or borrow them through interlibrary loan.
- 4. Students will write a paper and learn the mechanics of writing a research citation.
- 5. Students will learn to choose and use appropriate paper and electronic tools to locate relevant periodical articles, and find them in all formats.
- 6. Students will learn to access information databases.
- 7. Students will learn the history and development of the Internet and the WWW, how to search it, and how to evaluate the information they find.

### III. Course Outline

- A. Introduction to Libraries (2 lecture)
- B. Classification Systems (2 lecture)
- C. Types of Information (3 lecture)
- D. Information Finding Tools & Aids (5 lecture)
- E. Searching Logic (3 lecture)
- F. Research Process (4 lecture)

- G. Publishing Cycle How research evolves into published materials. (3 lecture)
- H. Scholarly, Peer-reviewed, Refereed and Popular Communications (3 lecture)
- I. Evaluation and Ethical Use of Information (3 lecture)

### IV. Evaluation Methods

The final grade for the course will be determined as follows:

Worksheets and in-class activities, quizzes 50%\*

Midterm 20%\*

Final 30%\*

Total Points 100%\*

# V. Required textbooks, supplemental books and readings

Textbook: Bolne, Myrtle and Galyle A. Poirier (2001) The Research Process: Books and Beyond Kendall/Hunt Publishing Company.

### VI. Special resource requirements

NA

## VII. Bibliography

Badke, William B. (2000) Research Strategies: Finding Your Way Through the Information Fog Lincoln, NE: Writer's Club Press/iUniverse.com.

Dodge, B. (1995, Summer). WebQuests: A technique for Internet-based learning. "Distance Educator," 1(2), 10-13. (EJ 518 478)

Eisenberg, M.B. & Berkowitz, R.E. (1990). "Information problem solving: The Big Six Skills approach to library & information skills instruction." New Jersey: Ablex (ED 330 374)

Gilster, P. (1997). "Digital literacy." New York: Wiley.

List, Carla, (1998) An Introduction to Information Research New York: McGraw-Hill.

Will be provided more as needed at instructors discretion.

## Course Analysis Questionnaire

<sup>\*</sup>These are estimates and may change throughout the semester.

# A. Details of the Course

- A1 This course will be an elective for students in the in the Liberal Studies program.
- A2 This course does not require changes in any other courses or programs in the department.
- A3 This course is not intended to be dual level.
- A4 Similar courses are offered at these institutions:
  - \*(\*\*)University of Northern Colorado: Introduction to Undergraduate Research
  - \*(\*\*\*)SUNY at Binghamton: Information Resources Use & Evaluation of Electronic Library Information Sources
  - \*Ithaca Collge: Library Resources and Methods of Research
  - \*West Valley College: Information Retrieval
  - \*A catalog description and/or syllabi for each course is attached to this proposal.
  - \*\*Primary Peer Institution
  - \*\*\*Secondary Peer Institution

# **B.** Interdisciplinary Implications

B1 This course does not overlap with any other courses at the University.

## C. Implementation

- C1 No new faculty are needed to teach this course.
- C2 Other Resources
  - a. Current space allocations are adequate to offer this course.
  - b. The department budget is sufficient to purchase supplies for this course.
  - c. Library holdings are adequate.
- C3 No grant funds are associated with this course.
- C4 This course will be offered at least twice a year, in the Spring and Fall semester.
- C5 At least one sections of the course will be offered at a time.
- C6 Minimum of at least 16 and a maximum of 35 students will be accommodated in this course. The nature of the lab activities restricts enrollment to this number.
- D. Miscellaneous

No additional information is necessary.

# LIBR 251 Information Access in the Digital Age Syllabus

Professor:

Portia Diaz

Class Time:

Open

Room:

Online

Virtual Office Hours:

Chat Room in WebCT Online in Chat Room

By Appointments: Phone:

Main: 724-357-4893

Office:

Main: 105 Stapleton Library

Email:

ALL Email correspondence MUST be done in WebCT

# **Catalog Description**

LIBR 151 Information Access in the Digital Age 1-3 credits

1-3 lecture hours

(1-3c-1-3I-1-3cr)

Prerequisites: None

# **Course Objectives**

This course will serve as an introduction to students on how to become information literate. **Information Literacy** means being able to recognize when information is needed and having the ability to locate, evaluate, and use effectively the needed information. Information resources, both in research library and electronic formats, along with how these resources are organized, and how to use them effectively will be the focus of the course.

## **Course Outline**

- Students will learn the locations of Library departments, identify services each provide, and the policies governing their use.
- Students will learn how information has been traditionally organized and how changes have occurred with increasing technology.
- Students will learn how to use the online catalog of Stapleton and other libraries to locate bibliographic information, do direct borrowing of items, or borrow them through interlibrary loan.
- Students will write a paper and learn the mechanics of writing a research citation.

LIBR 251 2

 Students will learn to choose and use appropriate paper and electronic tools to locate relevant periodical articles, and find them in all formats.

- Students will learn to access information databases.
- Students will learn the history and development of the Internet and the WWW, how to search it, and how to evaluate the information they find.

### **Course Requirements**

Class attendance and participation will be taken through Student Tracking in WebCT. You are expected to check into WebCT a minimum of once a week regularly and to participate in class activities and discussion boards. If you are a student taking this course in a different time zone or miss the session due to an excused absence arrangements will be made if real-time interaction is required so that access will be allowed to the session at a later time (i.e. chat room session will be recorded).

# **Textbook & Materials Requirements**

TBA (Will be an online textbook). Handouts and additional readings will be provided online.

# **Class Schedule**

WK1	Introduction to Syllabus & WebCT Introduction to IUP Libraries Discussion Board: What I want to get out of this course?
WK2	Introduction to Research Strategies Demo: Using Pilot Online Catalog Discussion Board: What I already knew What I didn't know
WK3	Introduction to the Different Types of Libraries and Their Resources Demo: Library Services: PALCI, Interlibrary Loan etc. Discussion Board: What I already knew What I didn't know
WK4	Using Basic Search Techniques on Databases Demo: InfoTrac QUIZ 1 (50 pts.) Assignment#1: Web Page Evaluation and Critique (100 pts.) Discussion Board: What I already knew What I didn't know
WK5	Different Types of Sources: Primary vs. Secondary Demo: EbscoHost Assignment#2 Bibliography#1 Sources (100 pts.) Discussion Board: What I already knew What I didn't know

LIBR 251

WK6	Process Introduction to Information Resources Evaluation		
	Methods		
	Demo: Lexis-Nexis		
	Assignment#3 Bibliography#2 Sources (100 pts.)		
	Discussion Board: What I already knew What I didn't know		
WK7	MIDTERM ONLINE		
WK8	Identifying and Locating Government Information		
	Demo: FirstGov		
	Discussion Board: What I already knew What I didn't know		
WK9	Research Process: Introduction		
	Demo: Project Muse & JSTOR		
	Discussion Board: What I already knew What I didn't know		
WK10	Research Process: Creating a Thesis Statement and an		
	Annotated Bibliography		
	Demo: All Databases		
	QUIZ 2 (50 pts.)		
	Assignment#4 Bibliography#3 Sources		
WK11	Evaluating Web Pages		
	Demo: Google		
	QUIZ 3 (50 pts.)		
WK12	Research Process: Using Information Ethically: Copyright and		
	Plagiarism		
	Demo: How to use PowerPoint		
	QUIZ 4 (50 pts.)		
WK13	Have a Great Thanksgiving - NO CLASS		
WK14	Presentation Day (100 pts)		
WK15	Presentation Day (100 pts.)		
	Final Project Due (400 pts.)		
WK16	Finals Week NO CLASS FINAL ONLINE (200 pts.)		
Grading Scale A 90% and up			
	80-89%		
C 70	70-79%		
D 60	60-69%		
F 59	F 59% & Below		
<del></del>			

NOTE: Above Schedule is Subject to Change

LIBR 251 4

# **Class Attendance and Participation**

The discussion board responses count towards your attendance/participation points (10 points). The requirement for attendance is in accordance with the University Attendance Policy.

# **Assignments**

There will be assignments as stated in the course schedule above. They will be due on the dates given in the schedule. Late assignments will be lowered one grade for every week turned in after the due date. Articles as given in class for reading supplement

### **Presentation**

You will give a PowerPoint presentation on using one of the search tools, searching the topic of your topic of interest. The presentation is worth 100 points. 50 points will be for the content of your PowerPoint and 50 points will be based on your peer-evaluation (an evaluation form will be provided).

# **Final Project**

This is the written paper with an annotated bibliography. You will use the research methods you have learned in this course to develop a search strategy designed to retrieve relevant information and recorded knowledge.

- The description of your topic should be on one page along with your thesis statement, double-spaced.
- 2. The description of the search strategies you used should be on page two and three, double-spaced accompanied by an annotated bibliography of the sources that you use for your research.
- Your annotated bibliography must include at least ten print or online sources, including at least one encyclopedia article, one book, one magazine article, one journal article, one newspaper article and one Internet resource.
- 4. You must also attempt to use one government publication and one audio or video media resource if appropriate for your topic.
- 5. The format of the bibliography must follow APA style.

This course may be graded CR/NC. Students must follow University procedures to register their election for this option before the deadline.

# Welcome LIBR 251 Information Access in the Digital Age

## **Professor Portia Diaz**





Course Textbook



Page 1 of 1

Quizzes/Midterm/Final

(Hidden)









My Grades

**Communication Tools** 

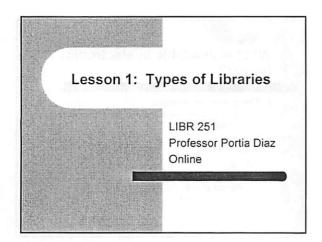
Study Tools



Lessons



Handouts



# Types of Libraries

Libraries differ in type, building their collections and offering services to assist the particular clientele they serve. Types include:

- -Public http://www.indianafreelibrary.org/
- -Elementary and high school http://mciunix.mciu.k12.pa.us/--spjvweb/
- -Special libraries http://www.law.indiana.edu/v-lib/
- -Academic libraries http://www.lib.iup.edu

# Missions

- · Public libraries-serve anyone in the surrounding community-have a popular emphasis- offer popular fiction-popular magazines
- High school libraries—books for adolescents magazines and databases selected for this age
- · Special libraries-some special group of peoplesuch as those working at corporations or government agencies

## Academic Libraries - IUP Libraries

- · Mission: provide books, periodicals, and other information-related materials and services to meet the research and instructional needs of the students and faculty.
- · Generally complex and offer a greater variety of services than most public and school libraries
- Educational objectives. Teach you to use the library so you can help yourself
- · Depend heavily upon the use of electronic sources but offer a variety of materials in different formats and varied services through specialized departments

### What you will be using...

Format-general physical quality or appearance of an information source in the Academic Library

- · Types of format:
- Book-still the most common and most extensive way information is
- E-books-books in electronic format
- Serials—periodicals—publications issued on a continuing basis at regularly scheduled intervals. Numbered consecutively and given a volume number, Ex.
  - Newspapers
  - Popular Magazines
  - Scholarly Journals
  - Annuals, Yearbooks, Proceedings

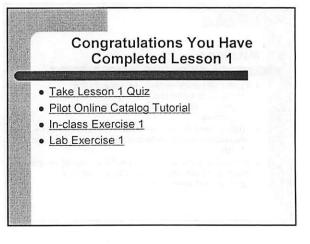
# What you will use...cont...

- · E-journals—periodicals available electronically
- Archival Materials
- Dissertations
- Theses
- Microforms
  - Microfilm
  - Microfiche
  - Microprint Microcard

# What you will use...cont... • Electronic materials - Online catalogs - Online databases - The Internet - CD-ROMS - DVD's - Floppy Disks

# What is available in electronic format? • Bibliographic information - information equivalent to what was found in card catalogs and periodical indexes • Raw data - statistics • Full-text - Books - periodical articles - government reports

# Multimedia (audio & video) Photographs Maps All sorts of information that traditionally was ONLY available in print—BUT remember NOT ALL information that is available in print is available electronically.



NameQuiz 1 Types of Libraries
What are the 4 types of libraries? (1pt each = 4)
1
2
3
4
What type of library have the following mission? (2 pts each= 8)
5serve anyone in the surrounding community—have a popular emphasis- offer popular fiction—popular magazines
6books for adolescents—magazines and databases selected for this age group.
7 some special group of people—such as those working at corporations or government agencies.
8 provide books, periodicals, and other information-related materials and services to meet the research and instructional needs of the students and faculty.
(1 pt. each=4)  9. True or False You find dissertations at the public library.  10. True or False E-journals are periodicals available electronically.  11. True or False Serials is a reference book on breakfast food.  12. True or False Academic libraries do not collect scholarly journals.
(3 pts.) 13 information equivalent to what was found in card catalogs and periodical indexes.
14. Give 6 examples of serials (1 pt. each)
1
2
3
4
5
6



Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

Administration (Information)

Credited Courses

Departments

How Do I

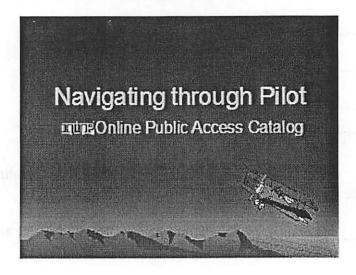
Library Giving

Search Tools

What's New

Site Map

Website Feedback Survey



Start Your Journey



# Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

# What is PILOT?

Administration (Information)

Credited Courses

Departments

How Do I

Library Giving

Search Tools

What's New

Site Map

Website Feedback Survey • PILOT is a part of the virtual library project of the Keystone Library Network (KLN). The KLN is a cooperative effort of the fourteen Pennsylvania State System of Higher Education universities and the St Library of Pennsylvania.

 PILOT is the World Wide Web implementation of each KLN library's catalog.

• PILOT is also the collective name for all fifteen World Wide Web insta of the KLN's library catalogs.

 PILOT uses the Voyager integrated library management system softw from Endeavor Information Systems'.

Back



# Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

Administration (Information)

Credited Courses

Departments

How Do I

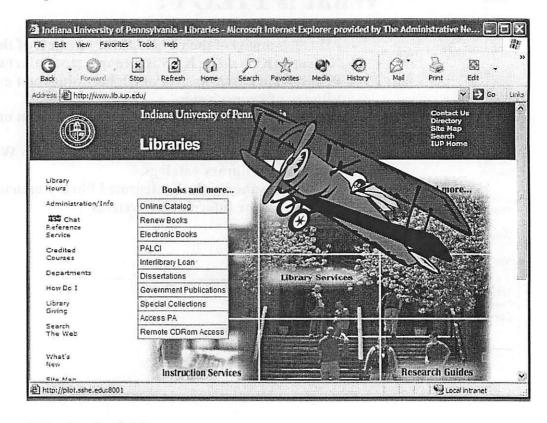
Library Giving

Search Tools

What's New

Site Map

Website Feedback Survey Departure: IUP Libraries Webpage (http://www.lib.iup.edu)



Gate: Books & More

Flight: Pilot Online Catalog (What is Pilot?)

View Your Itinerary



# Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

# You are now in Pilot the Online Catalog

Administration (Information)

Credited Courses

Departments

How Do I

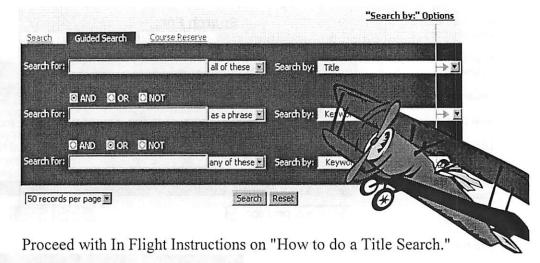
Library Giving

Search Tools

What's New

Site Map

Website Feedback Survey



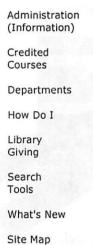


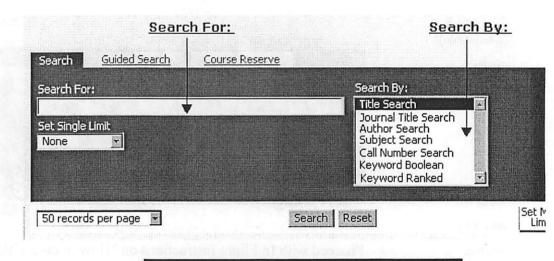
# Indiana University of Pennsylvania Libraries

Contact Us Directory Site Map Search IUP Home

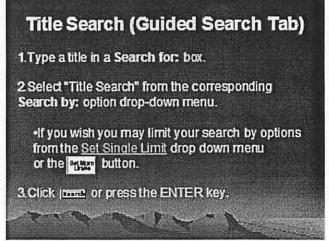
Library Home

# How to do a Title Search





Website Feedback Survey



Proceed with In Flight Instructions on "How to do an Author Search."



# Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

Administration (Information)

Credited Courses

Departments

How Do I

Library Giving

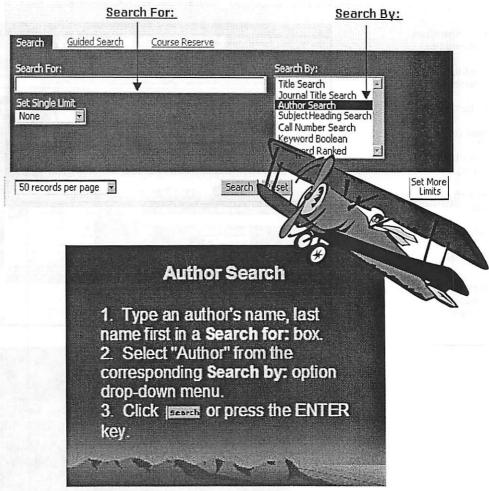
Search Tools

What's New

Site Map

Website Feedback Survey

# How to do an Author Search



Proceed with In Flight Instructions on "How to do a Keyword Search."



# Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

Administration (Information)

Credited Courses

Departments

How Do I

Library Giving

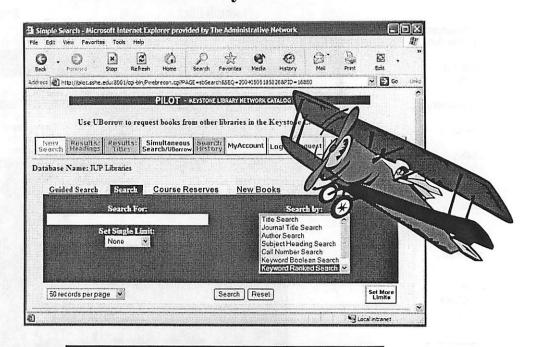
Search Tools

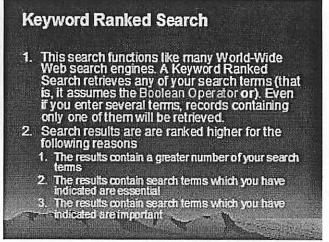
What's New

Site Map

Website Feedback Survey

# How to do a Keyword Search





You have arrived at your destination, and free to navigate on your own but first go to your Navigational Checklist.



# Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

Administration (Information)

Credited Courses

Departments

How Do I

Library Giving

Search Tools

What's New

Site Map

Website Feedback Survey

# **Navigational Checklist**

# Go to Pilot Online Catalog and find the following:

Note: If you are on-campus you will go directly into the catalog by clicking on the above link. If you are off-campus you will be prompted for a password. It is the 16-digit number on the bottom left hand corner of your I-card.

1. Find who is the author of *Life of Pi?* 

2. What is the title of the book written by Anne Gutman

3. What is in the result of a keyword search on travel and airplanes?



Check Your Answer



# Libraries

Contact Us Directory Site Map Search IUP Home

Library Home

Administration (Information)

Credited Courses

Departments

How Do I

Library Giving

Search Tools

What's New

Site Map

Website Feedback Survey

# **Navigational Checklist Answers**

If your answers match the ones below, congratulations you have successfully navigated through Pilot Online Catalog. Happy flying!

1. Find who is the author of Life of Pi?

Yann Martel

2. What is the title of the book written by Anne Gutman?

Lisa's Airplane Trip

3. What is in the result of a keyword ranked search on "airplane travel" and what are the first two titles with the highest relevancy ranking?

8293 Entries
Life of Pi and Lisa's Airplane Trip

### IN CLASS EXERCISE 1

## PART 1

What you need to bring for this class:

- 1. Go to <a href="http://www.lib.iup.edu/databases/databases.shtm">http://www.lib.iup.edu/databases/databases.shtm</a> find NewsBank Full-text Newspapers and find 1 article on your topic. PRINT, READ & BRING TO CLASS.
- 2. Go to <a href="http://www.lib.iup.edu/databases/databases.shtm">http://www.lib.iup.edu/databases/databases.shtm</a> find Encyclopedia Britannica Online and find 1 encyclopedia article on your topic. PRINT, READ & BRING TO CLASS.

### PART 2

Finding background information on your topic and creating good keywords for searching is essential to searching effectively.

Finding	g Keywords	
Examp	le:	
		→ General→ Specific
Global	warming	weather pattern changes caused by global warming
		→ Specific→ General
Too M	uch Rain	weather pattern changes caused by global warming
What i	s your topic?	fic OR
Is it Sp	ecific to Gener	ral
PART Backgr	-	s essential to the identification of KEYWORDS:
From your articles who, what, when, and where are the following:		
1.	People	
2.	Geographic L	ocations
3.	Historical Tin	nelines
4.	Historical Tin	ne Periods
5.	Limiting Wor	ds
6.	Scientific Phr	ases
7.	Synonyms	

Name_				
Lab Ex 100 Pc	kercise – Bibliography#1 – Search on Pilot Online Catalog pints			
1.	Do the Online Catalog Tutorial			
	Go to http://www.lib.iup.edu Books and More, Online Catalog.			
3. Search your topic and find 10 books on your topic				
	Your Topic			
	Search Terms Used (AND, OR, NOT)(AND, OR, NOT)(AND, OR, NOT)(AND, OR, NOT)			
	(AND, OR, NOT)			
4.	Create a bibliography in APA Style (See APA Style Handout or see link to APA Style at <a href="http://www.apastyle.org/previoustips.html">http://www.apastyle.org/previoustips.html</a> )  Example of how to cite a book:			

5. Send this form back along with your bibliography to me via WebCT email by

Dayan, D.C., & Katz, E. (1992). Media events: The live broadcasting of history (2<sup>nd</sup> ed.). Cambridge, MA: Harvard University Press.



# APA Style Reference List

How to cite common resources	[REF]
used in research using the	BF
Publication Manual of the	76.7
American Psychological	.P83
Association, 5 <sup>th</sup> ed.	2001

# \*\*\*PLEASE REFER TO THE BOOK IF YOU HAVE ANY QUESTIONS\*\*\*

## Book Page 248

Dayan, D.C., & Katz, E. (1992). Media events: The live broadcasting of history (2<sup>rd</sup> ed.). Cambridge, MA: Harvard University Press.

### Journal article Page 240

Day, H.G. (1998). Predictors of aggression in hospitalized adolescents. Journal of Psychology, 132, 427-435.

# Journal article paginated by issue Page 240

LeBlanc, A. (1997). Adolescent health in America. American Health for Women, 16 (10), 68-73.

# Magazine article Page 241

Turnulty, K. (1998, October 12). On the fast track to impeach. Time, 15, 30-33.

### Newspaper article Page 242

Routine business, but no routine day. (1998, October 9). The New York Times, p. A18.

### Television broadcast Page 267

Crystal, L. (Executive Producer). (1993, October 11). The MacNeil/Lehrer news hour. [Television broadcast]. New York and Washington, DC: Public Broadcasting Service.

### Government document Page 256

Department of Labor. (1998). National census of fatal occupational injuries, 1997 (USDL 98-336). Washington, DC: U.S. Government Printing Office.

### Encyclopedia article Page 254

Memory. (1998). In The new encyclopaedia Britannica (Vol. 23, pp. 832-840). Chicago: Encyclopedia Britannica.

### Internet resources

To see how APA cites Internet resources, look at this Web site: http://www.apastyle.org/elecref.html