LIB 3020: Principles of Information Retrieval
Baruch College, Spring 2017
Monday & Wednesday 10:45 am – 12:00 pm
Newman Library, 3rd floor - Room 320A

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Office: Room 229, 2nd floor, Newman Library
Office Hours: Drop-in or make an appointment

Class Website: http://guides.newman.baruch.cuny.edu/klusek3020

Course Description:
This course teaches the theoretical and practical principles of advanced information retrieval. It examines principles of information organization and the relationship of IR to subject analysis and classification. It examines the characteristics of information seeking behavior in search. It covers techniques of query formulation and search strategy in a wide range of resource environments. It situates search in the process of scholarly communication.

Learning Goals:
After completing this course, students will be able to:

1. Explain how databases are structured for retrieval.
2. Understand the basics of search engines and web search strategies
3. Identify how the principles of subject analysis, controlled vocabulary and classification are applied in information retrieval.
4. Formulate effective search queries and apply sophisticated search strategies to meet an information need.
5. Be able to interpret retrieved search results and determine their relevancy to an information need.
6. Identify the ways the user and his/her information seeking behavior influences the information retrieval process.
7. Apply principles of information seeking behavior in many resource environments and subject disciplines.
8. Understand the basic principles of scholarly communication.
9. Use oral and written communication techniques to present an analysis of an IR concept, model or issue.

Attendance and Classroom Protocol
You are expected to attend all classes and arrive in class on time. For all absences or habitual lateness, points will be lost. There will be no make ups for quizzes or in-class exercises you have missed due to an absence. If you are absent it is your responsibility to obtain any notes, assignments or materials missed.

Please be respectful of your fellow students by coming to class prepared to participate in discussions and class activities. Your grade for class participation depends upon your meaningful contribution to class discussion and activities and your understanding of the required readings. Quizzes, if any, will count here.
**Academic Integrity**
It is your responsibility to fully understand the academic policies of Baruch College and its rules and regulations on grades, dropping courses, cheating, and plagiarism.

I support the College’s policy on academic honesty and will not tolerate plagiarism. Please read Baruch’s website on Academic Honesty at [http://www.baruch.cuny.edu/academic/academic_honesty.html](http://www.baruch.cuny.edu/academic/academic_honesty.html)

### Grading

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<tr>
<th>Grading</th>
<th>Percentage</th>
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<tr>
<td>Attendance, on-time record, and class participation</td>
<td>10%</td>
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<tr>
<td>Midterm Exam</td>
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### Course Outline

**Information Retrieval**

**Organization and Representation of Information**
- Subject access. Metadata. Controlled vocabulary.

**Information Search: Basic and Advanced Techniques**

**Information Retrieval and the Web**

**The User Dimension in IR**

**Scholarly Communication**
- The Information cycle and peer review. Experts and authority.

**Approaches to IR: Subject Searches**