

Below are the first two pages of the course website which is located at [csci572.com](http://csci572.com)  
 The Schedule of Lectures contains a list of all of the topics to be covered  
 All lectures will be recorded and posted to the DEN website. Student interaction will be via the Piazza program. Exams will be administered both locally and online.

**University of Southern California**

**Course 572: Information Retrieval and Web Search Engines**

**USC Viterbi**  
 School of Engineering  
 Department of Computer Science

0:00 / 3:44

**Instructor: Professor Horowitz**

<b>Class Meeting Time:</b>	All lectures will be available on DEN There are no in-class meetings	<b>Class Location:</b>	There are no in-class meetings
<b>Instr. Phone:</b>	(213) 740-8056	<b>Instr. Office:</b>	SAL 320
<b>E mail:</b>	horowitz (at) usc.edu	<b>Office Hours:</b>	email Prof. Horowitz

**Producer: TBD**

<b>Office:</b>	Leavey Library 3rd Floor, Room 301E	<b>Office Hours:</b>	Wednesday 2:00-3:00pm	<b>E mail:</b>	xxxxx@usc.edu
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**Graders**

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## Schedule of Lectures

Please observe that all of these notes are copyrighted and are for the exclusive use of students enrolled in CS572. Please do not make the login&password available to others, and please do not distribute copies to others.

Date	Topic	Course Notes	Readings from <b>Introduction to Information Retrieval, Manning, Raghavan, Schutze, 581 page book, pdf</b> All GOTO links below refer to chapters/sections in the above book.	Video Lectures, some taken from <ul style="list-style-type: none"> <li>• <a href="#">Information Retrieval Course Matching Our Textbook</a></li> <li>• <a href="#">8th International Summer School on Information Retrieval</a></li> </ul> <p>NOTE: Videos with a double star (**) are required for the exam; You are only responsible for videos with **</p>
<b>Week 1</b> Aug 24	A: Introduction to the Course B: Search Engine Basics	<a href="#">PPT, PDF</a> <a href="#">PPT, PDF</a>		
<b>Week 1</b> Aug 26	Characterizing the Web <b>Discussion of Homework #1</b>	<a href="#">PPT, PDF</a>		<ul style="list-style-type: none"> <li>• <a href="#">The Story of Google (start at 14 min to 43 min)</a></li> <li>• <b>Other useful videos</b></li> <li>• <a href="#">WDM1: What is Data Mining (8 min)</a></li> <li>• <a href="#">WDM2: Structured Data and IR (17 min)</a></li> </ul>
<b>Week 2</b> Aug 31	Search Engine Evaluation	<a href="#">PPT, PDF</a>	<a href="#">GO TO: Chapter 8 2017, Google's Search Engine Evaluation Manual</a> <a href="#">2019, Google's Search Engine Evaluation Manual</a>	<ul style="list-style-type: none"> <li>• <b>**Precision and Recall, Jurafsky &amp; Manning, Stanford U. (16 min)</b></li> <li>• <b>Other useful videos</b></li> <li>• <a href="#">Search Engine Evaluation - Jurafsky &amp; Manning, Stanford U. (9 min)</a></li> </ul>
<b>Week 2</b> Sep 02	Crawling	<a href="#">PPT, PDF</a>	<a href="#">GO TO: Chapter 20 Web Crawling</a>	<ul style="list-style-type: none"> <li>• <b>**WDM116: URL Frontier Using Mercator Scheme (29 min)</b></li> </ul>
<b>Week 3</b> Sep 07				