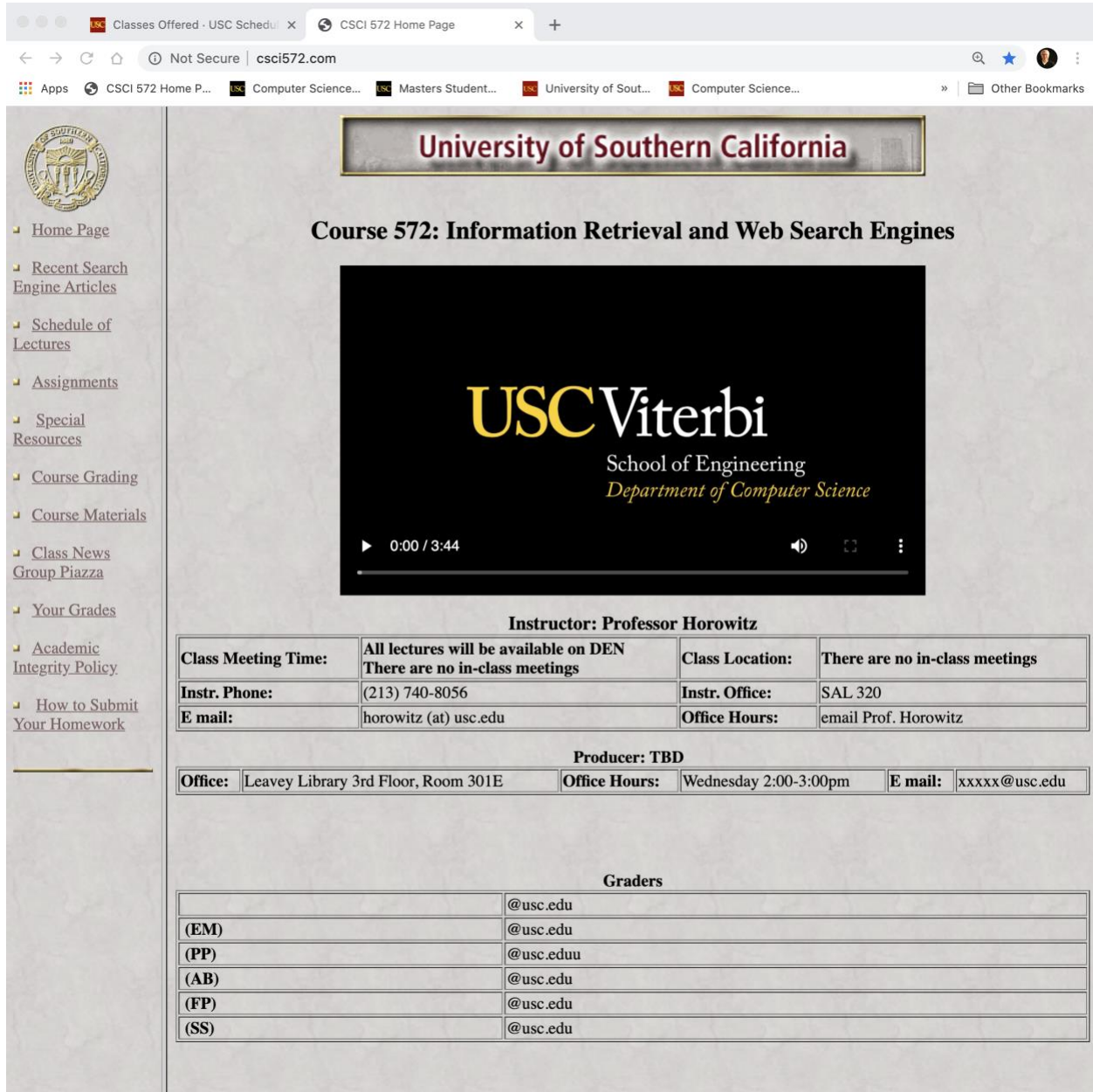


Below are the first two pages of the course website which is located at csci572.com
 The Schedule of Lectures contains a list of all of the topics to be covered
 This semester, Spring, 2021 all lectures will be delivered remotely and posted to the DEN website. Student interaction will be via the Piazza program. All exams will be administered 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

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

Producer: TBD

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

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- Home Page
- Recent Search Engine Articles
- Schedule of Lectures
- Assignments
- Special Resources
- Course Grading
- Course Materials
- Class News Group Piazza
- Your Grades
- Academic Integrity Policy
- How to Submit Your Homework

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