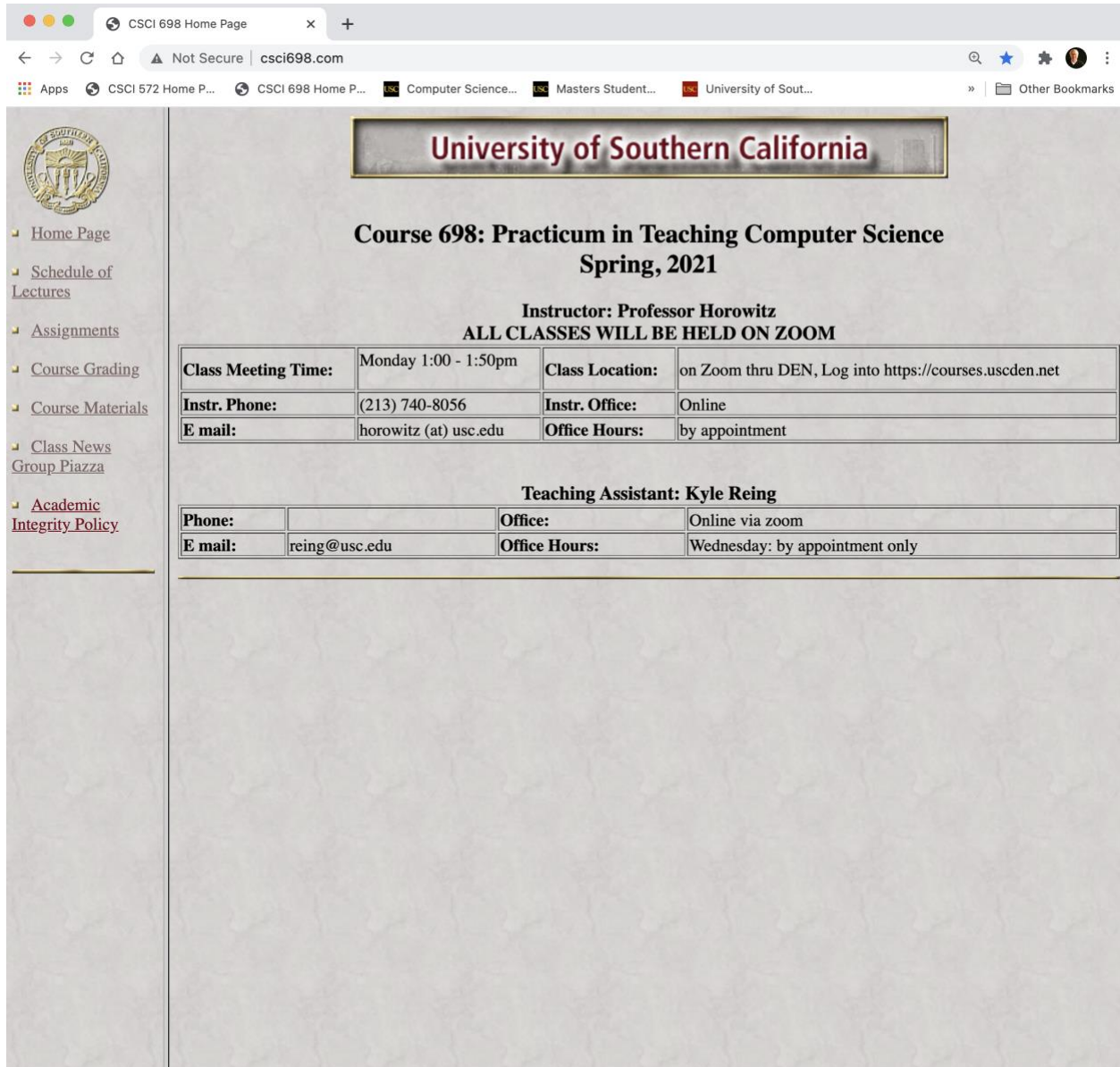


CSCI698 SYLLABUS

Below are the first two pages of the course website which is located at csci698.com
The Schedule of Lectures tab contains a list of all of the topics to be covered
This semester, Spring, 2021 all meetings will be handled remotely and via zoom.
There are no exams. Students will be graded based either on their class presentations or on reports. See the Schedule of Lectures and Assignments pages for details



University of Southern California

**Course 698: Practicum in Teaching Computer Science
Spring, 2021**

Instructor: Professor Horowitz
ALL CLASSES WILL BE HELD ON ZOOM

Class Meeting Time:	Monday 1:00 - 1:50pm	Class Location:	on Zoom thru DEN, Log into https://courses.uscdcn.net
Instr. Phone:	(213) 740-8056	Instr. Office:	Online
E mail:	horowitz (at) usc.edu	Office Hours:	by appointment

Teaching Assistant: Kyle Reing

Phone:		Office:	Online via zoom
E mail:	reing@usc.edu	Office Hours:	Wednesday: by appointment only



- Home Page
- Schedule of Lectures
- Assignments
- Course Grading
- Course Materials
- Class News Group Piazza
- Academic Integrity Policy

Schedule of Lectures

Please observe that all of these notes are copyrighted and are for the exclusive use of students enrolled in CSCI698. Please do not make the login & password available to others, and please do not distribute copies to others.

Date	Topic	Content for In-class Presentations	Responsible Person(s)
Week 1 Jan 25	Introduction, Class overview		Prof. Horowitz
Week 2 Feb 1	CS1 - Teaching the Introductory CS Course (Part 1)	<ul style="list-style-type: none"> • Dual-Modality Instruction and Learning • The Effects of Compilation Mechanisms and Error Message Presentation on Novice Programmer Behavior 	<ul style="list-style-type: none"> • Ellis Horowitz • Patricia Chaffey
Week 3 Feb 8	CS1 - Teaching the Introductory CS Course (Part 2)	<ul style="list-style-type: none"> • Paper or IDE-the impact of exam format on student performance in a CS1 course • Improving Student Study Choices in CS1 with Gamification and Flipped Classrooms 	
Week 4 Feb 15	Holiday, President's Day	Holiday	Holiday
Week 5 Feb 22	CyberSecurity Curricula	<ul style="list-style-type: none"> • Homework #2 Due Today by 9:00am • A Hands-on Cybersecurity Curriculum Using a Robotics Platform • What are Cybersecurity Education Papers About? A Systematic Literature Review of SIGCSE and ITiCSE Conferences 	<ul style="list-style-type: none"> • Homework #2 Due Today by 9:00am
Week 6 Mar 1	Data Science Curricula	<ul style="list-style-type: none"> • A Data Science Major: Building Skills and Confidence • Developing Students' Written Communication Skills with Jupyter Notebooks 	Presenters
			Presenters