جامعة نيويورك أبوظبي

NYU | ABU DHABI

# CONNECTIONS LAB

## Course Introduction

## IM - Spring 2022

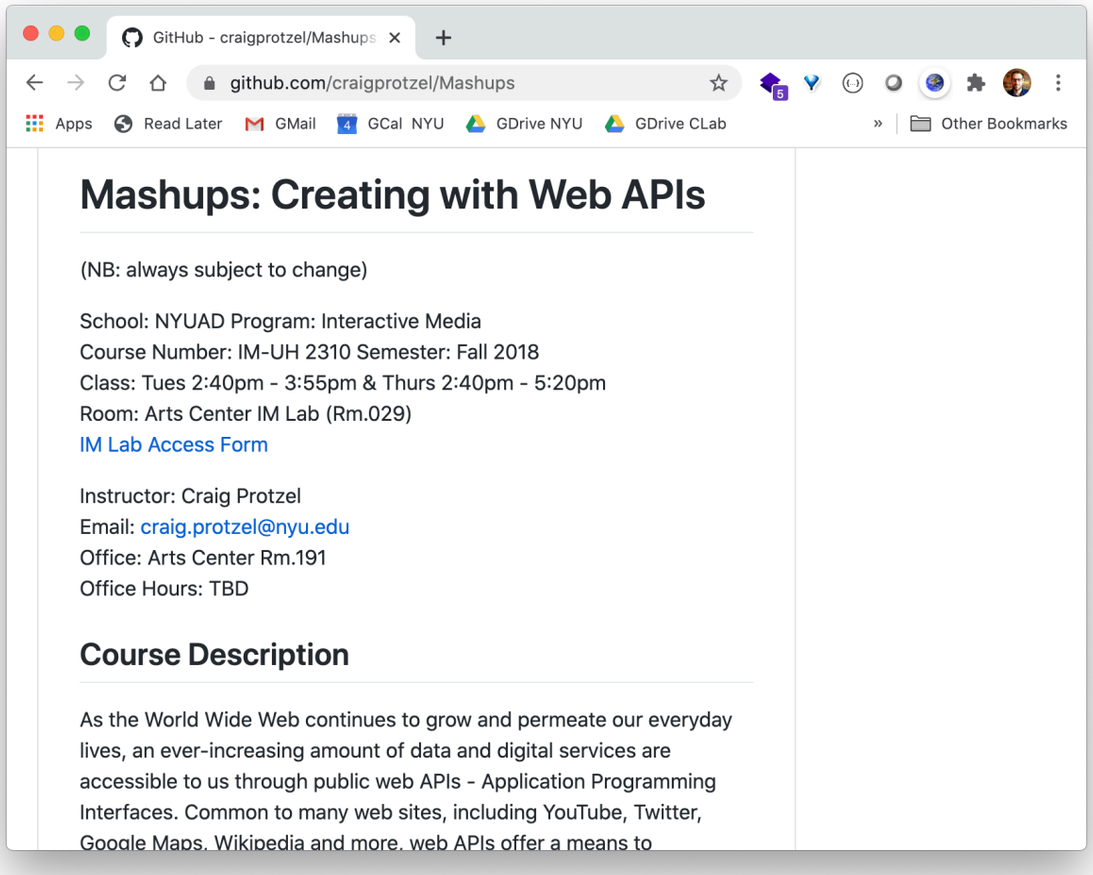
# WHAT is this class?

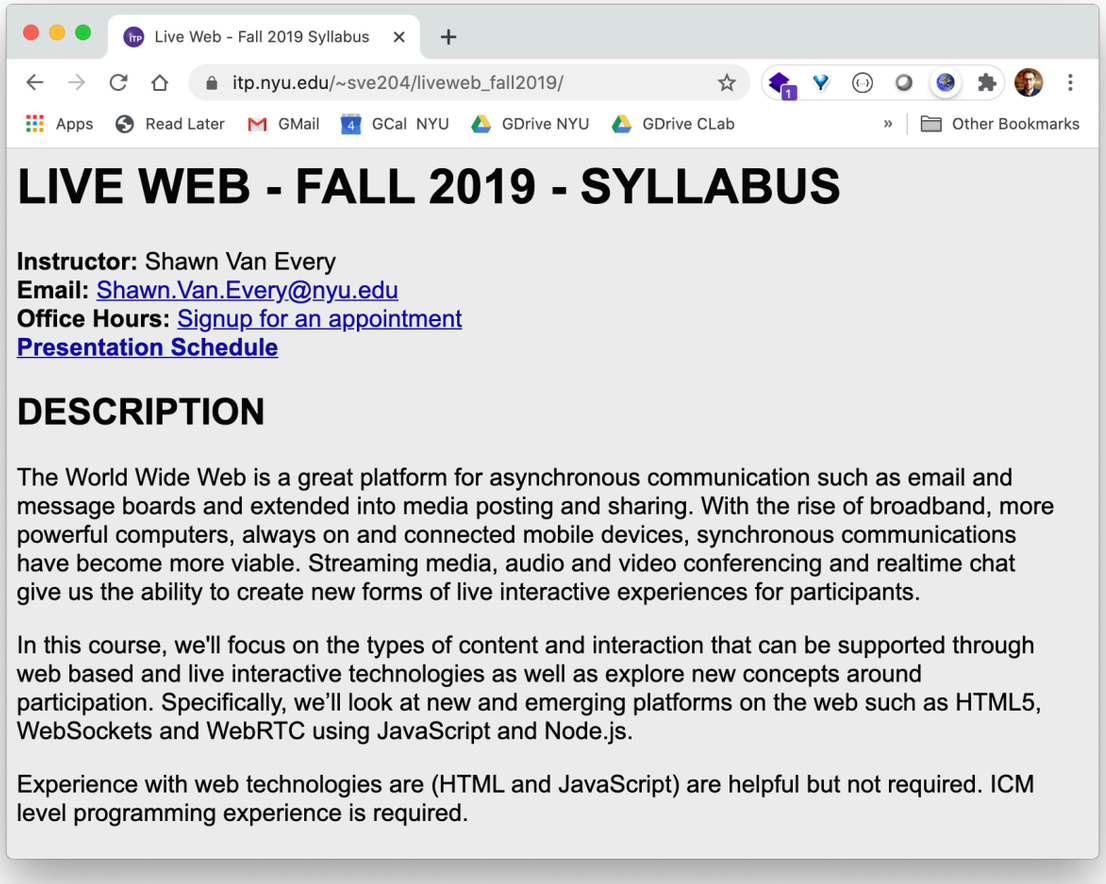
# WHY this class?

# HOW will it work?

# Where will it happen?

Github


GitHub - craigprotzel/Mashups
github.com/craigprotzel/Mashups
Apps
Read Later
GMail
GCal NYU
GDrive NYU
GDrive CLab
Other Bookmarks
Mashups: Creating with Web APIs
(NB: always subject to change)
School: NYUAD Program: Interactive Media
Course Number: IM-UH 2310 Semester: Fall 2018
Class: Tues 2:40pm - 3:55pm & Thurs 2:40pm - 5:20pm
Room: Arts Center IM Lab (Rm.029)
IM Lab Access Form
Instructor: Craig Protzel
Email: craig.protzel@nyu.edu
Office: Arts Center Rm.191
Office Hours: TBD
Course Description
As the World Wide Web continues to grow and permeate our everyday lives, an ever-increasing amount of data and digital services are accessible to us through public web APIs - Application Programming Interfaces. Common to many web sites, including YouTube, Twitter, Google Maps, Wikipedia and more, web APIs offer a means to

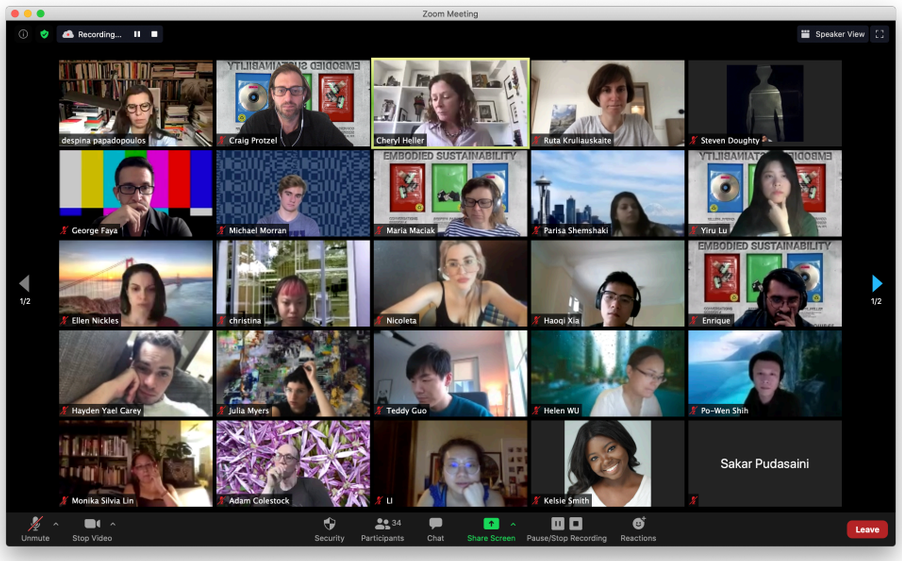

Live Web - Fall 2019 Syllabus
itp.nyu.edu/~sve204/liveweb_fall2019/
Apps
Read Later
GMail
GCal NYU
GDrive NYU
GDrive CLab
Other Bookmarks
LIVE WEB - FALL 2019 - SYLLABUS
Instructor: Shawn Van Every
Email: Shawn.Van.Every@nyu.edu
Office Hours: Signup for an appointment
Presentation Schedule
DESCRIPTION
The World Wide Web is a great platform for asynchronous communication such as email and message boards and extended into media posting and sharing. With the rise of broadband, more powerful computers, always on and connected mobile devices, synchronous communications have become more viable. Streaming media, audio and video conferencing and realtime chat give us the ability to create new forms of live interactive experiences for participants.
In this course, we'll focus on the types of content and interaction that can be supported through web based and live interactive technologies as well as explore new concepts around participation. Specifically, we'll look at new and emerging platforms on the web such as HTML5, WebSockets and WebRTC using JavaScript and Node.js.
Experience with web technologies are (HTML and JavaScript) are helpful but not required. ICM level programming experience is required.

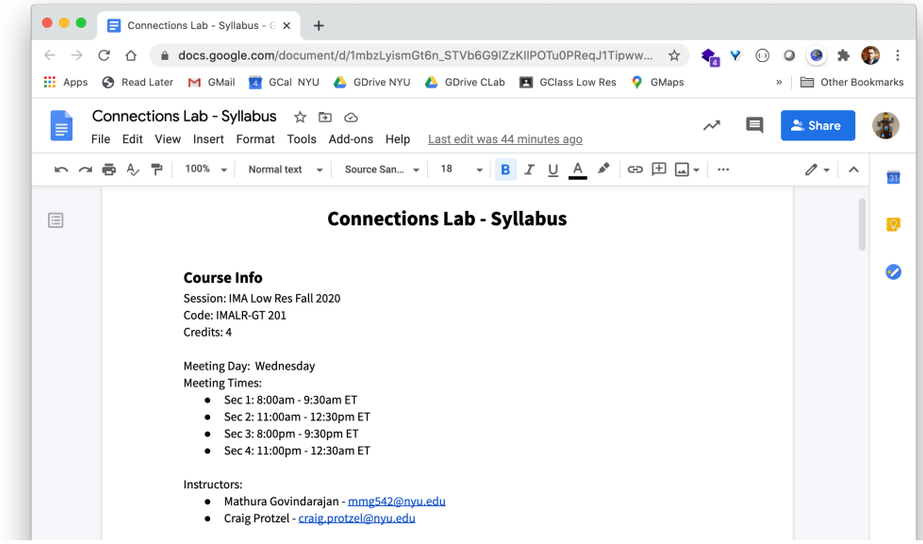
# Web Applications

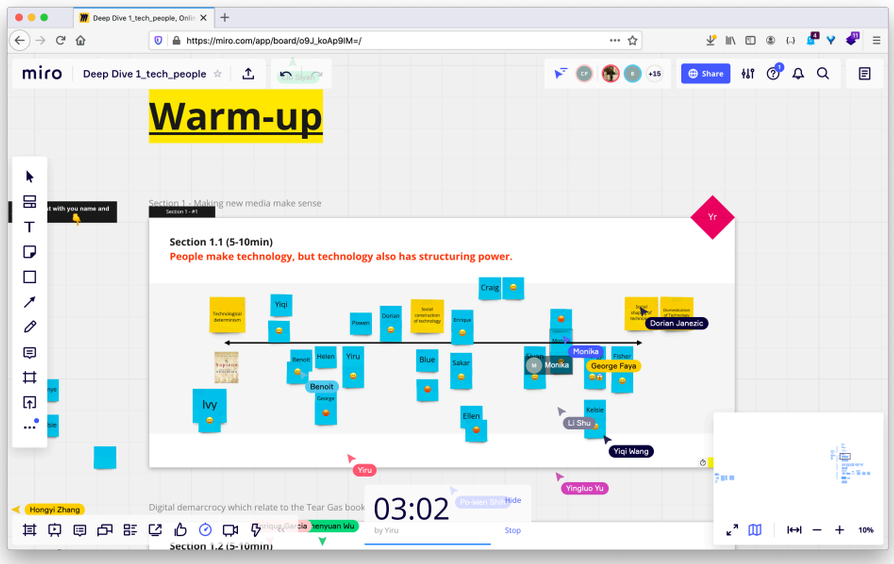
# Multi-Person Experiences

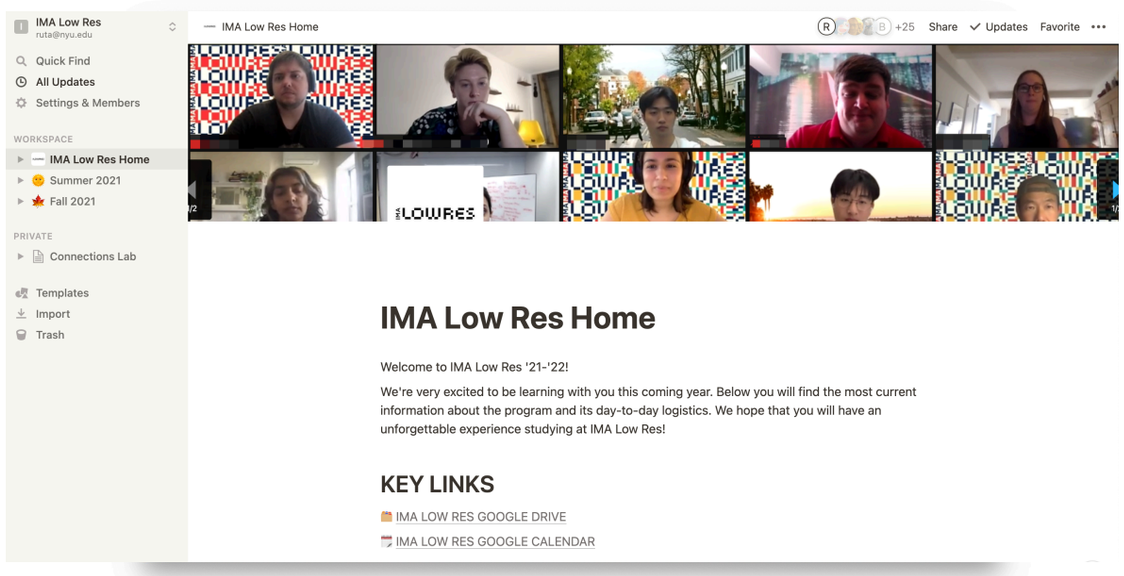
# Real-Time Interactions

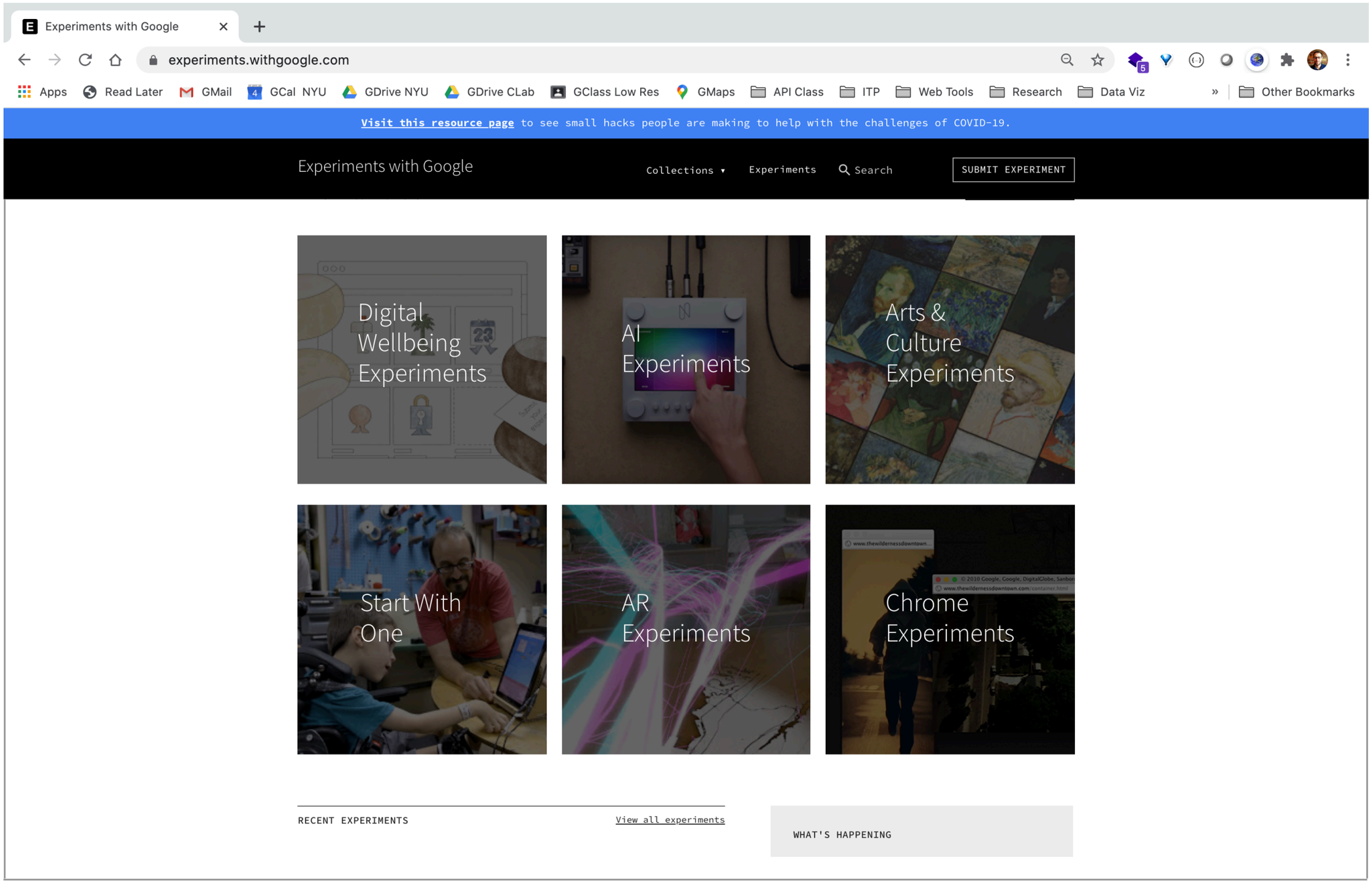
# What?


Zoom Meeting
Recording...
Speaker View
despina papadopoulos
Craig Protzel
Cheryl Heller
Ruta Kruliauskaite
Steven Doughty
George Faya
Michael Morran
Maria Maciak
Parisa Shemshaki
Yiru Lu
Ellen Nickles
christina
Nicoleta
Haoqi Xia
Enrique
Hayden Yael Carey
Julia Myers
Teddy Guo
Helen WU
Po-Wen Shih
Monika Silvia Lin
Adam Colestock
LI
Kelsie Smith
Sakar Pudasaini
1/2
Unmute
Stop Video
Security
Participants
Chat
Share Screen
Pause/Stop Recording
Reactions
Leave


Connections Lab - Syllabus
docs.google.com/document/d/1mbzLyismGt6n_STVb6G9IZzKIlPOTu0PReqJ1Tipww...
Apps
Read Later
GMail
GCal NYU
GDrive NYU
GDrive CLab
GClass Low Res
GMaps
Other Bookmarks
Connections Lab - Syllabus
File Edit View Insert Format Tools Add-ons Help
Last edit was 44 minutes ago
Share
Normal text
Source San...
18
Connections Lab - Syllabus
Course Info
Session: IMA Low Res Fall 2020
Code: IMALR-GT 201
Credits: 4
Meeting Day: Wednesday
Meeting Times:
Sec 1: 8:00am - 9:30am ET
Sec 2: 11:00am - 12:30pm ET
Sec 3: 8:00pm - 9:30pm ET
Sec 4: 11:00pm - 12:30am ET
Instructors:
Mathura Govindarajan - mmg542@nyu.edu
Craig Protzel - craig.protzel@nyu.edu


Deep Dive 1_tech_people, Onlin
https://miro.com/app/board/o9J_koAp9lM=/
miro
Deep Dive 1_tech_people
Share
Warm-up
Section 1 - Making new media make sense
Section 1.1 (5-10min)
People make technology, but technology also has structuring power.
Yiqi
Craig
Doriani Janezic
Monika
George Faya
Benoit
Helen
Yiru
Blue
Sakur
Ivy
Ellen
Kelsie
Li Shu
Yiqi Wang
Yinglue Yu
Hongyi Zhang
Digital demarcrocy which relate to the Tear Gas book
03:02
by Yiru
Stop
Hide
10%


IMA Low Res
ruta@nyu.edu
Quick Find
All Updates
Settings & Members
WORKSPACE
IMA Low Res Home
Summer 2021
Fall 2021
PRIVATE
Connections Lab
Templates
Import
Trash
IMA Low Res Home
+25
Share
Updates
Favorite
IMA Low Res Home
Welcome to IMA Low Res '21-'22!
We're very excited to be learning with you this coming year. Below you will find the most current information about the program and its day-to-day logistics. We hope that you will have an unforgettable experience studying at IMA Low Res!
KEY LINKS
IMA LOW RES GOOGLE DRIVE
IMA LOW RES GOOGLE CALENDAR




Google Experiments

Google Experiment Piano

# Technical

## Code - Web - Skills

# Applied

## Designing - Making - Sharing

# Learning Objectives

- Develop a basic understanding of web design and development that includes both client-side (front-end) and server-side (back-end) tools and technologies (PLO - 5 )
- Gain comfort working with the Javascript language as well as the ecosystem of open source Javascript libraries (PLO - 5 )
- Develop an understanding of how to manage and work with data (i.e. objects) to produce engaging interactions and compelling narratives (PLO - 2, 3 )
- Learn about web-based networking technologies and how to leverage real-time communication channels towards creative participatory experiences (PLO - 1, 3 )
- Learn how to create prototypes for user-testing and how to build a project end-to-end (PLO - 3,7)
- Gain experience collaborating with others in both creative and technical project work (PLO - 6,7,8 )


JS


Visual Studio Code


HTML
CSS


{JSON}


p5 BETA
.js


JS

Visual Studio Code

HTML CSS

{JSON}

p5.js BETA

JS

git GitHub

node JS

express

socket.io

WebRTC PEERJS

HEROKU

# Weeks 1-5
## Client-Side Web + Data





## Weeks 1-5
### Client-Side Web + Data






## Weeks 6-10
### Server-Side Web + Real-Time




## Weeks 1-5
### Client-Side Web + Data

Visual Studio Code

HTML CSS

JS

{JSON}

p5.js BETA

## Weeks 6-10
### Server-Side Web + Real-Time

git GitHub

node.js express

socket.io

## Weeks 11-15
### Pathways + Play-Testing

Tone.js

three.js

ml5

WebRTC PEERJS

HEROKU


GitHub


iscourse