

Intro to Tech-Entrepreneurship Syllabus

Wednesdays, 4:00-6:00pm

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Introduction:

Welcome to the Intro to Tech-Entrepreneurship program brought to you by the The Knowledge House and Brownsville Community Justice Center. In the next 12 weeks you will learn how to create websites using the computer languages HTML and CSS.

Each week you will be given a wealth of resources and instruction that will aid you in learning what is available within the technology economic sector by gaining transferable skill sets that will guide you as you build websites and working in teams.

How to use this tool:

- Have this syllabus open on a tab at all times to follow the schedule and easily access links and documents. This document will be accessible as view-only. It will be updated regularly.
- Click on each date in the syllabus to link to that week's folder of presentations, articles, etc.
- In the day's agenda look out for links to tutorials and exercises and links to Google hangouts.
- The full agenda and links for that week will be updated and active in this document the week prior.
- Some links will take you directly to an activity or survey. Each day ends with a feedback form for you to complete.
- The work will be challenging, but keep up with it and don't give up. There will be random rewards, surprises and goodies throughout the program to keep you motivated!

Special thanks to our content partners Code Crew, Bronx Digital Meetup and GrantAnswers.

Any questions? Email tmitchell@theknowledgehouse.org.

Enjoy and let's build!

The Knowledge House Team

Wednesday, August 17, 2016

- 4:00pm-4:25pm: Introductions
 - JC and MM, [The Knowledge House](#)
 - Ice Breaker Activity
 - Overview of Syllabus
 - [Coded Projects Demo](#)
 - [Career Roadmap](#)
 - Hustle Statement
- 4:25pm-5:00pm: Creating Gmail accounts and Google best practices
 - Inbox management
 - Google Drive Apps: Docs, Spreadsheets, Presentations, Forms
 - Special Gmail Add-ons: Google Calendar, Google Hangouts, Google Groups
 - Communicating via [email](#)
 - [Intake Survey](#)
- 5:00pm-5:50pm: Session -- [Intro to the Web](#)
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, August 24, 2016

- 4:00pm-4:30pm: [Intro to HTML](#)
 - Working with a Text Editor
 - Hello World: Bio
- 4:30pm-5:15pm: Intro to Sublime and
 - [Download Sublime](#)
 - Understanding Sublime's Interface
 - *Challenge: Complete Hello World (Hello World)*
 - Hello World: Bio
- 5:15pm-5:50pm: Introduction to [GitHub](#) and Terminal
 - Review GitHub and Fork Class
 - Review Basic Terminal Commands and How to Push
 - Push projects to GitHub and Review Projects
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, August 31, 2016

- 4:00pm-4:10pm: Understanding HTML and CSS: Q and A
- 4:10pm-4:50pm: [Dash Project 1](#)
 - Push projects to GitHub
 - Review Projects
- 4:50pm-5:10pm: Trivia Game: Get comfortable with HTML and CSS
- 5:10pm-5:20pm: [HTML Quiz](#)
- 5:20pm-5:40pm: Resume Project
 - Review Resume Project
 - Receive Resume Template
 - Fellows Begin Filling Out the Template

- 5:40pm-5:50pm: Fellows Outline Information Needed For Resume and Next Steps in Receiving the Content
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, September 7, 2016

- 4:00pm-4:30pm: [Entrepreneurship Basics](#) (Module 1)
 - Why are you going into entrepreneurship?
 - Qualities of entrepreneurs
- 4:30pm-4:50pm: [Ideation](#) (Module 2)
 - Where to get inspiration and ideas
- 4:50pm-5:10pm: Business Project
 - Brainstorm: What problems would you like to solve?
- 5:10pm-5:50pm: [Understanding One's Brand and Pitching](#)
 - Review Pitching
 - Instructor Pitches Business
 - Fellows Pitch
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, September 14, 2016

- 4:00pm-4:20pm: Building Time: Structure
 - Setting Up Your Environment
- 4:20pm-5:00pm: Building Time: Content Pt. 1
 - Site Names
 - Content You Know
 - Research/Resources
- 5:00pm-5:50pm: Building Content Pt. 2
 - Enter Content Found
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, September 21, 2016

- 4:00pm-4:20pm: Building Time: Content Pt. 3
 - Finish Content
- 4:20pm-4:50pm: Building Time: Styling
 - Add CSS to All Pages
- 4:50pm-5:00pm: Prepare Pitch
- 5:00pm-5:50pm: Business Project Showcase
 - Demo Projects and Feedback
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, September 28, 2016

- 4:00pm-5:00pm: [Lean Methodology](#)
 - What are startups?
 - Lean Methodology
 - MVPs

- Build-Measure-Learn
 - Hypothesis testing
- 5:00pm-5:20pm: Social Good Team Project
 - Get Into Teams
 - Social Good: Team Project Ideation
- 5:20pm-5:50pm: Social Good Team Project
 - Brainstorm: Company Name, Mission Statement, Problems Addressed, Core solution; Competitors
 - Fill Out Business Canvas
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, October 5, 2016

- 4:00pm-4:30pm: [Intro to UX/UI basics/wireframing](#)
- 4:30am-4:50am: Intro to [Axure](#)
- 4:50pm-5:50pm: Build a Wireframe of Team Project
 - Get Into Teams Established Last Wednesday
 - Solidify Pitch/Product
 - Envision w/ Tech In Mind
 - Wireframe Project
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, October 12, 2016

- 4:00pm-5:30pm: Introducing Bootstrap
 - Understanding mobile first design
 - Installing [Bootstrap](#)
 - Learn how to navigate the docs
 - [Bootstrap Components](#)
 - Understanding how to invoke navbars, forms, slides from Bootstrap
 - The art of Google Search and other resources: [stackoverflow](#), [Foundation](#)
 - Revisiting Hello World
- 5:30pm-5:50pm: StartBootstrap
 - Review [Startbootstrap](#) Site
 - Teams Select Website
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, October 19, 2016

- 4:00pm-4:20pm: Building Time: Structure
 - Setting Up Your Environment
- 4:20pm-5:00pm: Building Time: Content Pt. 1
 - Site Names
 - Content You Know
 - Research/Resources
- 5:00pm-5:30pm: Pitching

- [What's Pitching](#)
 - Review short (elevator) and long pitch
- [Pitching Best Practices](#)
- 5:30pm-5:35pm: Brainstorm
 - Fellows Brainstorm Team Project Elevator Pitch
- 5:35pm-5:50pm: Pitch
 - Fellows Deliver Elevator Pitch to the Class
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, October 26, 2016

- 4:00pm-5:00pm: Building Time: Content Pt. 2
 - Finish Content
- 5:00pm-5:50pm: Building Time: Styling
 - Add CSS to All Pages
- 5:50pm-6:00pm: Flex Period/[Survey here](#)

Wednesday, November 2, 2016

- 4:00pm-5:00pm: Showcase
 - Demo Projects and Feedback
- 5:00pm-5:40pm: Wrap Up
 - [Career Roadmap](#)
 - [Completion Survey](#)
- 5:40pm-5:50pm: Q and A
- 5:50pm-6:00pm: Flex Period/[Survey here](#)