**Day 1**

* HTML(<https://www.w3schools.com/html/default.asp>)
* CSS (<https://www.w3schools.com/css/default.asp>)

**Day 2**

* Javascript (<https://www.w3schools.com/js/default.asp>)
* jQuery (https://www.w3schools.com/jquery/default.asp)

**Day 3**

* Test of HTML + CSS + Javascript + jQuery

**Day 4-5**

* Basics of GIT
* Accounts on Heroku, Git and Bitbucket.

**Day 6-10**

* ROR Tutorials (Lynda Video Tutorials + <http://guides.rubyonrails.org/>)
* Blog App (Follow from the rails guide. Ref: http://guides.rubyonrails.org/getting\_started.html )
* Test app in the video tutorials

**Day 11-15**

* Provide a Test app(Team Leads will suggest a dynamic app which will cover basic things like relations, basic gems, nested forms HTML/CSS/jQuery etc.)

**Day 16**

* Make account on <https://www.udacity.com/courses/web-development>
* Learn and implement basic things.
* Practice some basics for rails here http://railsforzombies.org/

**Topics**

* HTML, DOM
* CSS
* Javascript
* Ruby
  + Classes
  + Variables
  + Expressions
  + Data types
  + Naming Convention
  + Inheritance
  + Polymorphism
* HTTP Requests
  + Methods
  + Formats
* Rails
  + Setup
    - RVM
    - Ruby
    - Rails
    - Gemsets
    - Database Setup ( MySQL, Postgres )
  + Models
  + Migrations
  + Associations
  + Routes
  + Controllers
  + Helpers
  + Erb Templating
    - Forms
      * Simple
      * Nested
  + Callbacks
  + Gems
    - Devise
    - Paperclip / Carrierwave
    - Rolify / Cancan
  + SMTP Configuration
  + Concerns, Mixins
  + Services
* Git
  + Branches
  + Convention
  + Commit
  + Merging
  + Rebase
  + Pull Requests

**Reference Links**

* [http://guides.rubyonrails.org](http://guides.rubyonrails.org/)
* <https://www.udacity.com/courses/web-development>
* [https://www.w3schools](https://www.w3schools.com/html/default.asp)