1. Introduction to course staff
2. What is this course about

Take info and see what we can learn from it

3 themes – exploring data – summarize, and what trends are present, use visualization

-inference- Use to draw reliable information conclusions about the wold

-use statistics – computational in nature with real data sets

Third theme – prediction – how can we use this data to make informed guess. Discuss limits

Unique about this course accessibility – use reactions – who has coded before

Designed to teaching programming along

No experience in math beyond algebra? No problem , no math heavy class. Very hands on . We can teach better using programming

1. Course Structure   
   1. Course Website – point out key things  
   2. Lecture will be recorded but also synchronous, for lab help  
   3. Before class lecture and after class vitamen  
   4. Textbook – explain  
   5. Weekly Lab assignments  
   6. Lab Hours with other faculty + Policy  
   7. Working together. Help others. Ask and talk it through

8. Weekly Homework Assignments(solo)

9. Projects (Partner)

10 Exams  
11 Office hours + piazza

1. Collaberation  
   1. Discuss Homework, Labs. Needs to be your own. Never share solutions.  
   2. Project (Group)  
   3. Piazza  
   Copying solutions is not okay
2. Getting Help  
   1. Piazza  
   2.Come to office hours  
   3. Friends
3. Course Policies
4. Worksheet