This breakdown of the course is subject to change throughout the term, I will try to provide adequate advanced notice of any significant changes.

Week 01:
Introductions, go over syllabus, talk about course content, required software and accounts.

Week 02:
Intro to NodeJS, module patterns, fs(file system) module

Week 03:
Events, Streams and Buffers

Week 04:
Quiz 1,
Setting up a new project(NPM, Package.JSON...)
Intro to HTTP and the http module in node

Week 05:
HTTP routes,
Content-Type
Creating your first API

Week 06:
Introduction to MongoDB
Using MongoDB with Atlas
CRUD
httpie and postman

Week 07:
Intro to Python

Week 08:
Quiz 2, Python web crawlers

Week 09:
Intro to hapi configuration over code
Recreating our first API in hapi
requests and reply in hapi

Week 10:
hapi plugins
first look at authentication
Static pages, template engines

Week 11:
Validation with joi
Authentication with bell

Week 12:
 Quiz 3,
Deploying with now
Notes on transitioning from development to production

Week 13:
Exam review

Quick look at some of the tools we will be using in class:
hapi.js framework (and several hapi plugins)
mongodb and using atlass to host a mongodb database
Httpie and postman for testing an API
Now for deploying an app