Class 1 - Python:

* Prerequisites:
  + Pep 8 - Python Style Guide:
    - <https://realpython.com/python-pep8/>
  + Data Types and Their Methods:
    - Variables
    - Strings
    - Numbers and Math:
      * Operators
      * Integers
      * Floats
    - Lists
    - Tuples
    - Dictionaries
  + Conditionals and Boolean Logic in Python:
    - Boolean operators:
      * ==
      * !=
      * >=
      * <=
      * and
      * is
      * or
      * not
    - Conditional Blocks:
      * if
      * else
      * elif
  + Loops:
    - for
    - while
    - continue
    - break
  + Functions
    - def
    - arguments
    - \*args
    - \*\*kwargs
    - Return
* In Class:
  + Hour 1:
    - Setup and answer questions.
    - Run hello world script
    - Python classes / OOP:
      * Initializers:
        + Classes.md
      * object-oriented-programming.md
      * py-classes-basic.md
  + Hour 2:
    - py-classes-design.md
    - py-classes-encapsulation.md
    - py-classes-init.md
  + Hour 3:
    - py-classes-methods.md
    - Dunder Methods:
      * Classes.md
    - py-classes-eq.md
    - py-classes-inheritance-basic.md
  + Hour 4:
    - Lunch
  + Hour 5 – File I/O:
    - FileIO.md
    - Lab: lab23-contact\_list.md
  + Hour 6 - Testing:
    - Docstrings.md
    - Doctests
    - Unittests
  + Hour 7 & 8 – Labs (pick One or Two):
    - ATM.md
    - connect\_four.md
    - rain\_data.md
    - adventure.md

Gemini:

1 tour

2 structure

2 make test case