Course Objective:

We aim to provide coders a thorough understanding of intermediate Python concepts and technical skills. By the end of the course, students will have a very good outline of how to use Python to solve complex problems as well as structuring any coding project.

Logistics:

Course will be run over google meet weekly from 12:30-1:30 pm EST from Oct 23 2022 – Nov 20 2022.

Course Outline:

1. **Refreshing Prior Knowledge**
   - Comparing Python with other languages
   - IDEs
   - Dictionaries
2. **Modules**
   - Different Python modules
   - Intro to Files
   - File scope
3. **Object-Oriented Programming**
   - Intro to OOP
   - Classes
   - Class variables
4. **Object-Oriented Programming (cont.)**
   - Methods
   - Constructors
   - Instance variables
5. **Going off IDE**
   - Terminal
   - Using Python in the Real World

Contact Us:

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