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### Course Schedule

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| Session | Topic & Reading | Assignments  w/due dates |
| 1 | *Python Basics: variables, operators, Lists and Tuples; List methods; Strings and string methods; String, Dictionaries, Sets, Containers, formatting & printing.* | *Lab 1; Feb 25* |
| 2 | *Loops and selection statements; Expressions, and comprehensions; Generators, iterables and iterators; List comprehensions vs generators; Functions; Lambda functions* | *Lab 2; Mar 3* |
| 3 | *Writing unit tests; File handling; Context managers; Object Oriented Programming; Classes and the constructor; Inheritance* | *Lab 3; Mar 10* |
| 4 | *Regular Expressions; Multithreading; Network and Client/Server Programming* | *Lab 4; Mar 17* |
| 5 | *Introduction to Python for scientific programming; Final assignment; Course evaluation* | *Final project; Mar 24* |