

These are not “required readings,” but they will help you get a better perspective on the topics covered in each Unit.

Computing Science Basics

- [Algorithms in the Wikipedia](#)
- [Dictionary of Algorithms and Data Structures](#). Most of this is too advanced for you to worry about now, but the point is that there are a lot of these things out there.
- [Computer science in the Wikipedia](#)
- [The Python programming language](#)

Programming Basics

- [Learn Python The Hard Way](#)
- [Download Python](#): it would be tricky to run your programs without it.
- [Learning to Program](#), another beginner's guide to Python.
- [Khan Academy: Binary Numbers](#)
- [\[Binary\] Marble adding machine](#)
- [ASCII chart](#)
- [Unicode code charts](#)

Control Structures

- [Python Style Guide](#)
- [Online Python Tutor](#), which you can use to single-step through Python code

Functions and Decomposition

- [Decomposition and abstraction through functions](#)

General Interest

- [Teach Yourself Programming in Ten Years](#), or “why a semester doesn't teach you everything.”
- [Open Directory list of programming languages](#), a list of programming languages—as you can see, there are a lot of them.
- [The Python Challenge](#), a web-based challenge to your Python skills