

Syllabus: CS 2304
Python for Java Programmers
Spring, 2013

1 General Course Information

CRN	18146
MEETING TIME	5:00 AM–5:50 PM; Thursdays
CLASSROOM	321 McBryde Hall

Instructor: Lenwood S. Heath

- **Office:** 2160J Torgersen Hall
- **Office Hours:** 9:30–11:30AM; Tuesdays and Thursdays
- **Email:** heath@vt.edu

Web Site: <http://courses.cs.vt.edu/cs2304/Spring2013/index.php>

Scholar (Course Grades Only): <https://scholar.vt.edu/>

Piazza: <http://www.piazza.com/>

Prerequisites: CS 2114, Software Design and Data Structures, minimum grade C

Required Textbook: Programming in Python 3 (Second Edition). Mark Summerfield. Addison-Wesley, 2010. ISBN: 978-0-321-68056-3.

2 Course Description

This is a one-hour course in the programming language Python for students who are already proficient in an object-oriented language such as Java or C++.

3 Grading Policy

Grading for the course is on a 1000-point scale, with the points distributed as follows:

Homework Assignment 1	100
Homework Assignment 2	300
Homework Assignment 3	300
Homework Assignment 4	300

Each homework assignment describes a program to be written in Python 3. All homework (programs) must be submitted through Scholar by the due date¹. **No late homework will be accepted.**

4 Ethics

The Honor Code applies. All work submitted must be the student's own work. Students may solicit help only from the instructor. There is one exception, which is that you may obtain help from other students with installation of Python 3.

5 Announcement

If any student needs special accommodations because of a disability, please contact the instructor during the first week of classes.

6 Course Schedule

DATES	READING ASSIGNMENT	TOPICS
1/24	Chapter 1	Python's Beautiful Heart
1/31	Chapter 2	Basic data types
2/7	Chapter 3	Collection data types
2/14	Chapter 4	Control structures and functions
2/21	Chapter 5	Modules
2/28	Chapter 6	Object-oriented programming
3/7	Chapter 7	File handling
3/11–3/15	SPRING BREAK	
3/21	Chapter 13	Regular expressions
3/28		Regular expressions
4/4	Chapter 8	Advanced programming techniques
4/11		Advanced programming techniques
4/18	Chapter 10	Processes and threading
4/25	Chapter 15	GUI programming
5/2	Last Day of Class	Final comments; class wrap-up

¹See Calendar on the course web site.