CSC 102 – Introduction to Programming

Fall 2019

College Center 228, MWF: 9:30-10:30

Instructor:	Dr. J. Timothy Balint	Office:	College Center 226A
Email:	jbalint@stonehill.edu	Telephone:	508-565-1376

Office Hours: Tuesday 13:30 – 15:30, Friday 13:30-15:30 or by appointment. You can also post questions to eLearn or send questions by email.

Reference: Eric Matthes, *Python Crash Course: A Hands-On, Project-Based Introduction to Programming*. ISBN-13: 978-1593276034

Course Description (from catalog): An introduction to computers, programming and problem solving using Python.

Objectives: This course will foster a data-oriented programming mindset in you. Additionally, you will learn the basics of program design and problem solving.

Tentative Course Outline:

- Variables and basic data types
- User Input
- Complex data types
- Conditionals
- Repetition
- Functions
- Classes
- Exceptions
- Testing
- Graphics and User Interfaces

Grading Policy:

- Homework: 65%
- Final Project: 10%
- Midterm: 10%
- Final: 15%

Important Dates:

- Midterm: October 11th, 2019
- Final: December 18th, 2019, 9:00 – 11:00

Grading policy for programming assignments: Programming grades will be assigned as follows:

All Programming assignments will be graded on a point scale. Meaning, if the program is perfect you get full points, if it runs correctly some of the time and has some merit but is flawed in some way, you receive half points. If it fails to run at all, you receive no points. Documentation is important and thus required to receive full points. A program without good documentation/comments will lose one quarter points (in addition to what is gained/lost during testing).

- Full Points: the program works correctly on all test cases
- Half Points: the program works on some test cases
- No Points: a program does not run correctly on any test case

Course Grades (Found in the HillBook): The quality of work in a course is indicated by the following grade:

Grade	Definition	Quality Points per Credit Hour	Range
A	**Excellent**, work that is of the highest standard, showing distinction	4.00	100-94
A-		3.70	93-90
B+	**Good**, work that is of high quality	3.30	89-87
B		3.00	86-83
B-	**Satisfactory**, work that fulfills requirements in quality and quantity and meets acceptable standard for graduation	2.70	82-80
C+		2.30	79-77
C		2.00	76-73
C-	**Passing**, work that falls below graduation standard, yet is deserving of credit.	1.70	72-70
D+		1.30	69-67
D		1.00	66-60
F	**Failure**, work undeserving of credit	0.00	59-0

Other Course Policies:

1. Please make sure that you are enrolled in eLearn.
2. Regular attendance is essential and expected.
3. Unless otherwise specified through eLearn, late assignments will not be accepted.
4. Make ups will only be scheduled for the midterm and exam and only when requested in advance (at least one week prior). Compelling reasons such as illness or a death in the immediate family are acceptable, while outside activities, interviews, family vacations, or more than one exam in a day, are not.
5. This is an immersive class. Therefore, you will be expected to write code during class.

Academic Honor Code and Integrity Policy: You are to adhere to the Stonehill Academic Honor Code and Academic Integrity Policy found in the 2018-2019 HillBook under Academic Policies and Procedures and to the Computer Science Department Statement on Academic Integrity:

- http://web.stonehill.edu/compsci/StatementOnAcademicIntegrity.html

In this course you are to complete and submit your own work, although you may work in teams as specifically directed by me. When in doubt, always verify with me if something is being done properly or is allowable in this class rather than simply assume based on the fact that it was or is currently allowable in another class.

Any violation of Stonehill's Academic Integrity Policy will be dealt with appropriately.

Resources for Academic Support: The Center for Writing and Academic Achievement (CWAA) provides academic support services in a welcoming, professional environment that emphasizes collaborative learning and peer tutoring, supplemented with professional-level support. The CWAA offers a variety of academic support services, including peer tutoring in writing, math, and foreign languages.

The CWAA is located in MacPháidín Library, Room 314. Drop-in hours are offered Sunday – Thursday. Students can visit the CWAA website to view schedules, make appointments, or request a tutor.

Students with Disabilities: Stonehill College is committed to providing a welcoming, supportive and inclusive environment for students with disabilities. The Office of Accessibility Resources (OAR) provides a point of coordination, resources and support for students with disabilities and the campus community. If you anticipate or experience physical or academic barriers based on disability, please let me know so that we can discuss options. You are also welcome to contact OAR to begin this conversation or to establish reasonable accommodations for this or other courses. OAR is located within the Academic Services \& Advising Suite in Duffy 104. For additional information please call (508) 565-1306 or email \href{accessibility-resources@stonehill.edu}{accessibility-resources@stonehill.edu}.

Inclusive Classroom Statement: Stonehill College embraces the diversity of students, faculty, and staff, honors the inherent dignity of each individual, and welcomes their unique cultural and religious experiences, beliefs, and perspectives. We all benefit from a diverse living and learning environment, and the sharing of differences in ideas, experiences, and beliefs help us shape our own perspectives. Course content and campus discussions will heighten your awareness to these differences.

There are many resources for anyone seeking support or with questions about diversity and inclusion at Stonehill. Resources are infused throughout the Mission Division, Academic Affairs, and Student Affairs. If you'd like more information on how to get connected to resources, the Office of Intercultural Affairs is a good first stop: Location: Duffy 149, Phone: 508-565-1409, Email: diversity@stonehill.edu.

If you are a witness to or experience an act of bias at Stonehill, you may submit a bias incident report online or on the Stonehill App. If you would like to learn more on bias incident prevention and response, or submit a report please visit:

- http://www.stonehill.edu/offices-services/intercultural-affairs/bias-response-protocol

Cell Phone Policy: Each cell phone is to be turned to silent mode during class time and remain out of sight throughout the entire duration of the class. During exam periods each cell phone must be in silent mode and remain visible with the screen side down on the desk. Absolutely no use of the cell phone (e.g., checking its screen) is permitted from the time an exam is handed out until it has been turned in to be graded.