**Introduction to Python Programming Syllabus**

# Dallas College

This course syllabus is intended as a set of guidelines for ITSE 1370. Both Dallas College and your instructor reserve the right to make modifications in content, schedule, and requirements as necessary to promote the best education possible within prevailing conditions affecting this course.

## Contacting Your Instructor

Instructors typically respond to emails from students with 24 hours. However, over the weekend and holiday periods responses may be delayed. Find out more about

## Instructor Contact Information

Name: Drena Clark

DCCCD Email: dlclark@dcccd.edu

Office Hours: E-mail

## Course Information

Course Title: Introduction to Python Programming

Course Number: ITSE 1370

Section Number: 53501

Semester/Year: Summer 2023

Credit Hours: 3

Class Meeting Time/Location: 100% On-Line

Certification Date: May 23

Last Day to withdraw: July 19

Last Day of class: August 10

**Course Prerequisites**

This course does not have a prerequisite.

## Course Description

Introduction to computer programming using Python. Emphasis on the fundamentals of structured design, data types, decision logic structure, testing, evaluation, and documentation. Both Procedural and Object-Oriented Programming concepts are covered. This course will fulfill degree requirements established by the campuses of Dallas College only if this course has been successfully completed and the date of completion does not exceed 10 years.

## Student Learning Outcomes

Upon successful completion of this course, students will be able to: Identify the major concepts of structured programming; illustrate the general concepts of structured design; use design tools; solve problems using logic techniques; and produce Python programs.

## Required Course Materials

The textbook for this course is Introduction to Python Programming, published by zyBooks.

The zyBooks ISBN is 979-8-203-12874-4.

Your textbook will be available through eCampus. Upon your first access, provide your 7-digit student ID, section no (53501), and Dallas College email address.

## Graded Work

The table below provides a summary of the graded work in this course and an explanation of how your final course grade will be calculated.

## Summary of Graded Work

| **Work Items** | **Points** | **% of Grade** |
| --- | --- | --- |
| zyBooks Participation Activities & Challenge Questions | 1254 | 62.7% |
| zyBooks Labs | 568 | 28.4% |
| Final Project | 178 | 8.9% |
| Final Total | 2000 | 100% |

## Final Grade

| Percentages | Point Range | Letter Grade |
| --- | --- | --- |
| 90 – 100% | 1800 - 2000 | A |
| 80 – 89% | 1600 - 1799 | B |
| 70 – 79% | 1400 - 1599 | C |
| 60 – 69% | 1200 - 1399 | D |
| 0 – 59% | 0 - 1199 | F |

## Description of Graded Work

This course is divided up into weekly segments called chapters. Each Chapter contains activities for you to do with due dates, as shown in the Course Schedule. The due dates are target dates only. Coursework includes reading and completing participation activities, challenge questions, lab programs, and a final project, which are to be completed within your zyBooks and required for your success in this course. Gradable work includes:

1. Participation activities and challenge questions, which
   1. covers textbook material,
   2. consist of a mixture of animations, multiple-choice, true/false, and short answer questions,
   3. each participation activity or challenge question is worth one point,
   4. challenges consist of multiple questions on a given scenario,
   5. each challenge question is worth one point,
   6. 1,254 participation activity and challenges, **62.7%** of your final grade.
2. Lab exercises, which
   1. covers textbook material,
   2. each lab is worth about 10 points,
   3. labs are worth a total of 568 points, **28.4%** of your final grade.
3. Final project, which
   1. covers all course material,
   2. is worth 178 points, **8.9%** of your final grade.

You can access your current point total at any time during the semester in ZyBooks or eCampus.

It is expected that you will check the eCampus gradebook frequently and notify your instructor of any issues or problems you may have, including questions about a particular grade.

Extra Credit work is not offered in this course.

# Late Work Policy

All zyBooks work has due dates, which you are expected to follow. If you fall behind, you need to get caught up, as soon as possible. All work must be completed by 11:59 PM, August 10. No work can be accepted after that date.

# Other Course Policies Institutional Policies

[Institutional Policies](https://www.dcccd.edu/about/legal/policies-for-syllabi/pages/default.aspx) include information about tutoring, Disabilities Services, class drop and repeat options, Title IX, and more.

Instructor’s Right to Modify: The instructor has the right to revise segments of the course syllabus.

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## Course Schedule

| Week | End | Chapter | Description |
| --- | --- | --- | --- |
| 1 | 17-May | 1 | Introduction |
| 2 | 24-May | 2 | Variables and Expressions |
| 3 | 31-May | “ | (continued) |
| 4 | 7-Jun | 3 | Types |
| 5 | 14-Jun | 4 | Branching |
| 6 | 21-Jun | “ | (continued) |
| 7 | 28-Jun | 5 | Loops |
| 8 | 5-Jul | 6 | Functions |
| 9 | 12-Jul | “ | (continued) |
| 10 | 19-Jul | 7 | Strings |
| 11 | 26-Jul | 8 | Lists and Dictionaries |
| 12 | 2-Aug | 9, 10 | Classes, Inheritance |
| 13 | 10-Aug | -- | Final Project |