

## Instructor Name and Contact Information

- Name: Neda Aslsabbaghpourhokmabadi
- Department: Information Technology
- Campus: Statesboro
- Email: naslsabbaghpourhokma@georgiasouthern.edu
- Phone: (912) 478 - 6994

## Virtual Office Hours

You may reach me during my virtual office hours as listed below:

- Day of the week: Mondays and Wednesdays
- Time: 9:00 AM to 4:00 PM
- Days of the week: Tuesdays
- Time: 8:30 AM to 10:45 AM and 2:00 PM to 4:00 PM
- Days of the week: Thursdays
- Time: 8:30 AM to 10:45 AM and 2:00 PM to 3:00 PM
- Method: Zoom (<https://georgiasouthern.zoom.us/j/7536579078>) and only by appointment

## Course Start and End Dates

Refer to the course calendar for scheduled events and due dates.

- Start date: August 13, 2025
- End date: December 3, 2025
- Finals: December 11, 10:00 AM - 12:00 AM, 2025
- Last day to withdraw without penalty: October 28, 2025

## Course Description

The course provides students with an introduction to the main concepts and advanced skills in programming related to data with Python. The course focuses on different data structures, including list, dictionary and tuple. The students learn basic data searching and manipulation technology, including regular expression. The course also includes an overview of object-oriented concepts.

## Course Goals or Objectives

Upon completion of this course, students will be able to:

- Develop programs in Python;
- Use Python data structure to manipulate data;

## Objectives/Learning Outcomes

On completion of the course, students will be able to:

1. Develop programs in Python;
2. Use Python data structures to manipulate data

## Relationship to ABET Student Learning Outcomes:

1. Recall basic programming concepts, language features, data structures, and code constructs.
2. Distinguish basic Python data structures such as list, dictionary, and tuple.
3. Describe the concepts of Object-oriented Programming.
4. Design and manipulate database application to store structured information using Python.
5. Solve advanced problems using appropriate data structures, databases, and regular expressions by following object-oriented concepts.

## Prerequisites

The following prerequisite courses, skills, and/or knowledge are required to enroll in this course:

- A minimum grade of "C" in IT 2430 and prior or concurrent enrollment in MATH 1232 or MATH 1441.

## Required Resources, Materials, and Technology

The following resources and/or technologies are required for this course:

- Textbook: It is available online for free at <https://www.py4e.com/book>
- Pycharm. Available at <https://www.jetbrains.com/pycharm/>
- Technology: Text editor like Notepad++, sublime, bracket, etc
- A modern computer (Windows/Linux/MacOS)

You will find a list of discounted software available through Georgia Southern on your [my.GeorgiaSouthern.edu](https://my.GeorgiaSouthern.edu) page.

## Learning Commitment Expectations

The students must take responsibility in the learning process. Students will not be successful in this course if they do not manage and regulate the time they spend on the course. Students must be self-motivated and responsible for keeping up with due dates for readings, assignments, and other activities. Students should log into the course on a daily basis to check for messages and other important information. Do not wait until the last minute to do your work.

## Teaching Methodology

The sessions consist of lectures and supervised labs. We will use the "Flipped classroom Approach" to deliver the course, in which the assigned readings cover "what", the labs and homework cover "how" and the lectures cover "why". The lectures and labs are based on the assumption that students have completed the readings before coming to class. Students must be self-motivated and responsible for keeping up with due dates for all activities.

## Communication

The instructor will use Folio in managing and delivery of the course. You are therefore required to check them daily. Email must come from your official Georgia Southern address, do not use the Folio email program. All emails **must include the course title and course section (or time) in the subject**. See the Communication Policies on Folio for the response time.

## Course Schedule

A detailed course schedule is located in the course schedule file.

## Grade Calculations

Your grade for the course will be calculated as follows:

Activity	Percentage of Final Grade
Assignments	30%
Attendance*	10%
Quizzes	10%
Test 1	15%
Test 2	15%
Final Exam	20%
Total	100%

\* You receive the overall class attendance credit at the end of this semester using the follow formula: • Final attendance credit = (attendance %) × 10

## Final Grade Distribution

Your grades are performance-based – not effort-based – and rely on your ability to demonstrate that you understand the material covered. Any student expecting an “A” in the course should be prepared to go above and beyond the minimum requirements of the course and demonstrate they have achieved a mastery of the material.

Final grades for this will be assigned as follows:

Grade	Score
A	90% or greater
B	80% or greater
C	70% or greater
D	60% or greater
F	below 60%

## Other Grading Criteria

- The assignment and quizzes must be completed on your own. Any evidence that students have collaborated on assignments will be considered academic dishonesty and will result in a zero.
- Assignments submitted after the due date will be penalized following the late submission schedule below.
- Quizzes are entirely based on material from the reading. Quizzes are used as admission tickets to the next modules and must be passed at 70% or greater to earn admission into the next module. Each quiz may be attempted up to three times.

## Policies

## **Participation Policy**

Participation is of the utmost importance for success in this course as exams and labs are based on the text as well as the material covered in class. PowerPoint slides are posted on Folio. Students can use them as a starting point for their notes. However, they are not sufficient to use as notes. I will demonstrate programming examples in class and will NOT post the source code. Thus, students are expected to take notes during classes.

## **Attendance**

Attendance is MANDATORY and attendance will be checked each class. The students will receive credits for their presences. Multiple (more than 6) missed classes will result in a final grade reduction. You can check your overall attendance under Folio > Resources > Attendance. Arriving more than 30 minutes late to class will count as a class absence and you will not receive credit for completion of that day's activity. This also includes tests & exams.

## **Assignments**

There will be several homework assignments given during the semester. These assignments must be completed on your own. Any evidence that students have collaborated on assignments will be considered academic dishonesty (see bullet on Academic Dishonesty below). They must be turned in via Folio by the due date and time. Assignments submitted after the due date will be penalized following the Late Submission Schedule below. Please read instructions carefully.

## **Incorrect Submission**

The instructor will NOT hunt for a student's work. It is your responsibility to submit your work in a timely and acceptable manner. If a file is submitted to the wrong dropbox, you are welcome to resubmit to the correct place prior to the deadline. Your older submissions will be overwritten by the newer submissions. The instructor would only see and grade your latest submissions. After the deadline, there will be NO acceptance of any resubmission for any reason. The student will receive credit based on the latest submissions. Thus, always double-check your submissions after you finish uploading them to the dropbox.

## **Quizzes**

These are entirely based on material from the readings. Quizzes are used as admission tickets to class and must be passed at 70% or greater to earn admission into the class on the chapters the quizzes cover. Each quiz may be attempted up to three times. Quizzes are online.

## **Tests and Final Exam**

There are two tests and a cumulative final exam. There are no exam make-ups without prior consent of the professor. Don't be late for more than 30 minutes. Otherwise, you can't take that exam and would receive zero. Tests and Final exam will be taken in the class.

## **Technical issues**

It is highly recommended to attend office hours to ask for help directly from the instructor if you have any technical issues with an assignment. If you want to use emails, please note the instructor will respond to your questions within 2 workdays. If you need emergency help, please take the response time into your consideration and send the emails at least 48 hours before the due date. The instructor will NOT provide help past the deadlines. Asking for help before the deadlines or receiving help after the deadlines does NOT mean they are valid reasons to request an extension. See the valid reasons above for an AER request.

## Classroom Etiquette

All behavior in class should be appropriate for a learning environment. No one should behave in a way that is distracting to other students or the instructor. As a courtesy to others, please

- Turn off all cell phones.
- Remove earbuds and earphones.
- Refrain from arriving to class late, departing class early and exiting/entering class at your leisure as these actions are considered poor classroom etiquette.

## Academic Dishonesty

Academic dishonesty is not acceptable in this class. A list of violations of the academic dishonestly policy is provided in the Georgia Southern Student Conduct Code (located at [http://students.georgiasouthern.edu/judicial/SCC\\_08-09.pdf](http://students.georgiasouthern.edu/judicial/SCC_08-09.pdf)) in Section VI Part 1. Any academic dishonesty on an assignment/quiz/exam/lab will FAIL this class and will be reported to the Office of Student Conduct. Specifically, using a 2nd digital device (including laptops, smartphones, smartwatches, iPad, AirPods, etc.) or AI under any circumstances during the exams will be treated as cheating and will receive an F for this class.

## Late Work Policy

You are responsible to check the due date and end/close date for each activity under Assignments/Quizzes. If you miss the due date for an assignment, you are still allowed to submit your work until the dropbox is closed. Please note the assignments submitted late will be penalized according to the following schedule (i.e. 20% for each calendar day late)

Late Submission Schedule	Penalty
Within the first 24 hours after the deadline(1st day)	10%
After the 1st day, but within 48 hours of the deadline(2nd day)	20%
After the 2nd day, but within 72 hours of the deadline(3rd day)	40%
After the 3rd day, but within 96 hours of the deadline(4th day)	60%
After the 4th day, but within 120 hours of the deadline(5th day)	80%
after the 5th day	100%

If you need extensions for any assignment with the university-recognized excused reasons, you must submit an Assignment Extension Request (AER) form (<https://forms.gle/CuwAtaMspwxSTFPT8>) before the due date. There will be NO acceptance of extensions without an AER being submitted. If you miss the end date, or if you submit the AER after the due date, you will receive a zero for the activity. This includes **all** activities.

It means if you miss the end date, the instructor will NOT:

- Re-open any assignment, quiz, or exam
- Accept submissions through emails (Always use Folio for all submissions)

University-recognized excused absences include medical emergency (clinic visits do not count), military training, and athletic competition activities. Students are required to provide documentation to verify excusable absences when submitting an AER form. To make up for your missing work, it is your responsibility to contact the instructor during the first-class period of your return to make arrangements to complete the work. No make-up of any kind will be given beyond 2 class days after an absence.

Note that getting a cold the day before the deadline is not the same as an emergency illness. Please work ahead and plan to finish and submit assignments well in advance of the deadlines to save you plenty of time to recover

from unexpected circumstances such as power/internet outages, work emergencies, failing computer equipment, car problems, or minor illness you will still be able to submit the assignments on time.

## Support

### Disability-Related Accommodations

In accordance with the 1990 Americans with Disabilities Act, if you need special accommodations, please contact the instructor immediately. Please note that as per SARC policy, accommodations begin only when the students provide the accommodation letters to the instructor and **won't be applied retroactively. The students need to notify the instructor in need of any accommodations separately within 7 days of the due date for each assignment.** The accommodations can't be applied generally and automatically to all assignments and exams.

### Student Support

Georgia Southern provides [academic and student support services](#) on all its campuses.

## Confidentiality

Georgia Southern University asks that you respect the rights of faculty and other students as you participate in the education process, including your use of Folio. Accordingly, when accessing Folio course materials, please respect the privacy and personal information of faculty, staff and other students in academic work such as class lists, drafts of papers, and other work produced in the course.