

# COSC 2347 Special Topics/ Python Programming

## Chapter 0: Important information

Dr. Khaled Rabieh

# 1- Course Information

**Instructor:** Dr. Khaled Rabieh

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**Lectures:** MW      03:00 – 04:20   AB1-204

**Office hours:** MW 10:00 to 11:00 am.

**Do not hesitate to contact me if you have any question  
or problem**

## **2- Feedback**

I strongly welcome feedback on how to improve teaching this course. Feel free to talk to me or email me.

## 3-Course Description

- Introduction to core-programming basics
  - data types, control structures, algorithm development, and program design with functions via the Python programming language.
- The fundamental principles of Object-Oriented Programming, as well as in-depth data and information processing techniques.
- solving problems, exploring software development challenges, and creating practical and contemporary applications.

## **4- Course Topics**

1. Fundamental principles of Object-Oriented Programming
2. Algorithms and Information Processing
3. Control Structures
4. Boolean logic and Numeric Data Types
5. Strings, Text Files, Lists, and Dictionaries
6. Objects and Classes
7. Simple Graphics and Image Processing
8. Networks and Client/Server Programming

# Course Textbook\*

<b>Starting out with python 4th edition</b>	<b>Tony Gaddis</b>	<b>978- 0134444321</b>	<b>Pearson</b>
<b>Introduction to Programming Using Python 1st Edition</b>	<b>Y. Daniel Liang</b>	<b>978- 0132747189</b>	<b>Pearson</b>

\* Optional

# Course Evaluation

<b>Class attendance and Quizzes</b>	20%
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<b>Assignments and labs</b>	20%
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<b>Exam(s)</b>	40%
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<b>Project(s)</b>	20%
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# Expectations

- Class participation: Your input is needed for good discussion
- Fully understand the slides, labs, and assignments
- Focus in classes and take good notes
- Get help early if you need. It is your responsibility to seek help from the instructor.
- Begin studying the material the same day it is presented
- Do not accumulate lectures – the number of slides may be large – each lecture builds on the previous ones.
- Maximum two days are allowed to submit a late assignment, lab, etc. with deduction 10% on each day



# Thank You



**Questions**

Khaled Rabieh