![Collin College logo]

Web · Credit · Computer/Web Progmmg (ITSE)

Intro Script Languages Python

ITSE-1359

Fall 2022   Section 251 (CRN: 16143)   3 Credits   08/22/2022 to 12/11/2022   Modified 08/14/2022

This course will focus on computer programming using the Python programming language. You will be required to download and install Python as well as several IDEs to write your code. These downloads will be explained in your canvas class and free to download. Prof. Benavides

🕐 Meeting Times

Dates:08/22/2022-12/11/2022

🖥 Course Description

Introduction to scripting languages including basic data types, control structures, regular expressions, input/output, and textual analysis. Topics may adapt to changes in industry practices. Lab required. 3 credit hours. (W)

This section will be delivered online with no required face-to-face sessions within the section and no on-campus activity requirements. Additional requirements may include test proctoring with student authentication, a desktop or laptop computer (not a mobile device), webcam, and/or microphone.

👤 Contact Information

Email: rbenavides@collin.edu
Office: SCC/J136
Office Phone: 972-516-5061

Messages:

Once class has started use Canvas Inbox to send a message to me. My office phone does not have Caller ID. The best way to contact me is through Canvas Inbox (not email / not phone).

Office Hours:

Office hours will be posted on my office door and in Module 0 of your Canvas class. I will offer a mixture of physical in-office opportunities as well as virtual office hours using Zoom. Office hours are optional.

See Module 0 in your Canvas class for a link to my office hours which will contain dates, times, and procedures for using Zoom. Zoom is a video conferencing platform that allows us to not only communicate but share screens.

Feel free to attend office hours to ask questions, discuss programming concepts or your labs, discuss degree plans or career goals, or just say hello!

☰ Course Resources

Additional course resources will be available in your Canvas class shell.

📕 Supplies

Required Textbook:

Python Crash Course: A Hands-on Project-based Introduction to Programming (2nd Ed)
Author: Eric Matthes
Publisher: No Starch Press
ISBN: 978-1-59327-928-8

Book website: [https://ehmatthes.github.io/pcc_2e/ (https://ehmatthes.github.io/pcc_2e/)](https://ehmatthes.github.io/pcc_2e/)

Required Software (all free downloads):

Python/Idle
Sublime Text
Visual Studio Code

- Installation instructions provided in your Canvas class.

✳ Course Policies

Attendance Policy

Face-To-Face Classes: There is no grade based on attendance in this class. However, attendance is highly correlated with success in this class. It is the student's responsibility to find out what was missed. If you do miss class consult your Canvas class schedule for topics you missed and work you are responsible for.

Online Classes: No check-in required. Checking-in often highly correlated with success.

Makeup Policy

All gradable components of this class have definite deadlines. *There will be no makeups unless a major illness or death in the immediate family occurs.* Major tragedies (house burns down) and military deployments will be evaluated on a case by case basis. All requests for makeups must be accompanied by documentation showing of dateline of incident with loss of grade.

Withdrawal Policy

Students are advised to withdraw from the course if they have not completed the required work by the "Last Day to Withdraw." Students who do not complete all of the required work by the end of the course will receive a letter grade based on the work completed. Note that the professor cannot withdraw you from class. You must complete a drop form with Admissions and Records to formally withdraw.

Collin College link to Withdrawal Policy with dates: [Withdrawal Policy (https://www.collin.edu/gettingstarted/register/withdrawal.html)](https://www.collin.edu/gettingstarted/register/withdrawal.html)

Instructor Feedback and Response Times

Feedback on your labs and exams will be provided as follows:

- Grading of your lab assignments will typically occur after the due date of each lab assignment. However, if you do submit your lab early it is subject to being graded at any time. Generally, all labs should be graded within 3 days after the due date. You will be given feedback as to why any points were deducted.
- Exams are setup for automatic grading in Canvas and will be graded on submission. After the due date you will be able to see the exam along with the correct answer to any questions you may have missed.

Feedback from your Canvas Inbox messages: After semester starts use Canvas Inbox to send me a message. You will have a response within 48 hours.

✔ Method of Evaluation

The components of this class are exams, lab assignments, and discussions. The exams will be averaged and will be worth 45% of your final grade. All lab assignments will be averaged and worth 45% of your final grade. Discussions will be averaged and be worth 10% of your final grade.

Summary:

Exams	45 %
Lab Assignments	45 %
Discussion Assignments	10 %

Grading System

Final letter grade assigned as follows (**no rounding**):

90 – 100	A
80 – 89.99	B
70 – 79.99	C
60 – 69.99	D
00 – 59.99	F

Breakdown

Description of Exams:

There will be several exams (see course schedule) and no comprehensive exam. All assessments will consist of True/False/Multiple Choice questions. Content for these assessments will come directly from your book. Refer to class schedule link in Canvas for date of availability. All exams will have time limits and will be taken using the Canvas Assessment tool. These assessments will be graded automatically and feedback will be available after the availability period has ended. No exam grades will be dropped.

Description of Lab Assignments:

Lab assignments will involve solving specific programming problems. These lab assignments will involve topics from your book and additional topics to enhance your learning experience. All lab assignments must be submitted using the Canvas Assignments tool. Lab assignments will not be accepted by any other means. If a due date is missed (even by one minute) there will be a 50-point penalty. Lab assignments turned in more than two week late or after the cut-off date for that lab will not be accepted. Labs submitted with no attachments or missing projects will be penalized. *The lowest lab grade will be dropped.*

Description of Discussion Assignments:

Discussion assignments will consist of online forum discussions on special topics as well as class introductions and goodbye.   Class introductions will give students the opportunity to introduce themselves to the class. The class goodbye discussion will give students an opportunity to look back on their class and look forward to a possible career in programming. Grading criteria

for discussion assignments will be specified in each discussion assignment. *NO discussion assignment grade will be dropped. Discussions cannot be late.*

📅 Course Calendar

WK#	Dates	Chapters / Presentations	Labs	Exams / Discussions
1	8/22 – 8/28	Intro; Ch. 1 Getting Started; Appx. A – Install / Troubleshooting		
2	8/29 – 9/04	Ch. 2 Variables	Lab 1 String Variables - due S, 9/03	Discussion – Class Intro, due 9/04
3	9/05 – 9/11	09/05 Labor Day (Closed) Ch. 3 – Intro to Lists	Lab 2 Numeric Variables - due S, 9/10	
4	9/12 – 9/18	Review for Exam I Canvas: Unit 1 Overview	Lab 3 Lists - due S, 9/17	**Exam I (Ch 1 – 3, App A), FSU: 9/16 to 9/18**
5	9/19 – 9/25	Ch. 4 – More Lists; Appx. B – Text Editors / IDEs 9/24 – 9/25 Balloon Fest (Closed)		
6	9/26 – 10/02	Ch. 5 – If Statements	Lab 4 More Lists - due S, 10/01	
7	10/03 – 10/09	Ch. 6 – Dictionaries	Lab 5 Conditionals - due S, 10/08	
8	10/10 – 10/16	Review for Exam II: Canvas: Unit 2 Overview	Lab 6 Dictionaries - due S,10/15	**Exam II (Ch 4 – 6, App B), FSU: 10/14 to 10/16**
9	10/17 – 10/23	Ch. 7 – User Input / while Loops;		
10	10/24 – 10/30	Ch. 8 – Functions; Appx. C – Help	Lab 7 Input / While Loops – due S, 10/29	
11	10/31 – 11/06	Review for Exam III: Canvas: Unit 3 Overview	Lab 8 Functions - due S, 11/05	**Exam III (Ch 7 – 8, App C), FSU: 11/04 to 11/06**
12	11/07 – 11/13	Ch. 9 – Classes		
13	11/14 – 11/20	Ch. 10 – Files and Exceptions	Lab 9 Classes - due S, 11/19	

14	11/21 – 11/27	Ch. 11 – Testing your Code 11/23 – 11/27 (Thanksgiving – Closed)	Lab 10 Files & Exceptions – due T, 11/22	
15	11/28 – 12/04	Review for Exam IV: Canvas: Unit 4 Overview	Lab 11 Testing - due S, 12/03	Discussion – Goodbye, due 12/04
16	Finals Week			**Exam IV (Ch. 9 – 11), MTW: 12/05 – 12/07**

📊 Student Learning Outcomes

State-mandated Outcomes: Upon successful completion of this course, students will:1. Design programming solutions using scripting languages.2. Design, write, and test scripts.3. Implement secure scripting techniques.

🏛 Institutional Policies

Collin College has a passion for Learning, Service and Involvement, Creativity and Innovation, Academic Excellence, Dignity and Respect, and Integrity. For more information about Collin College's mission, vision, and core values, please go to https://www.collin.edu/aboutus/missioncorevalues.html (https://www.collin.edu/aboutus/missioncorevalues.html).

All policies, guidelines, and procedures in the Collin College Catalog (http://www.collin.edu/academics/catalog.html), Collin College Board Policies (https://pol.tasb.org/Home/Index/304), and the Collin College Student Handbook (http://www.collin.edu/studentresources/personal/studenthandbook.html) are applicable to this course.

To learn more about how you can reduce cybersecurity risks, please visit https://www.collin.edu/security/index.html (https://www.collin.edu/security/index.html).

Americans with Disabilities Act

Collin College provides reasonable accommodations to afford equal educational opportunities to all people, in accordance with the Americans with Disabilities Act of 1990 (ADA), Americans with Disabilities Act and Amendments Act of 2008 (ADAAA), and Section 504 of the Rehabilitation Act of 1973. Students requesting accommodations under these provisions should contact Collin College's Accommodations at Collin College for Equal Support Services (ACCESS) Office at 972.881.5898 (voice) or access@collin.edu. For more information, go to https://www.collin.edu/studentresources/disabilityservices/index.html (https://www.collin.edu/studentresources/disabilityservices/index.html).

Collin College has adopted Blackboard Ally to provide alternative formats of pages and documents in Canvas. You can now download your course files in different formats that fit your device, need, and learning preference. Click the "A download" icon next to your course files to view "Alternative Formats" of your course files. Then select your preferred format. The file may take a few minutes to download, and you can continue with your work while you wait. To learn more about alternative formats offered by Ally, please refer to the Ally Student Help and Alternative Formats (https://help.blackboard.com/Ally/Ally_for_LMS/Student/Alternative_Formats) webpage.

Scholastic Dishonesty

To view the Board policies associated with this chapter, go to https://pol.tasb.org/Policy/Search/304?filter=flb (https://pol.tasb.org/Policy/Search/304?filter=flb).

Every member of the Collin College community is expected to maintain the highest standards of academic integrity. All work submitted for credit is expected to be the student's own work. Collin College may initiate disciplinary proceedings against a student or program applicant accused of scholastic dishonesty. While specific examples are listed below, this is not an

exhaustive list, and scholastic dishonesty may encompass other conduct, including any misconduct through electronic or computerized means. Scholastic dishonesty includes, but is not limited to, one (1) or more of the following acts.

1. **Cheating** includes, but is not limited to, intentionally or unintentionally having access to unauthorized materials or electronic, digital media, telecommunication, and/or wearable devices (e.g., laptops, phones, smartwatches, Fitbits, Bluetooth devices, tablets) during a quiz or examination; receiving information in an unauthorized manner during a quiz or examination or to complete an assignment; using, buying, selling, soliciting, stealing, or otherwise obtaining course assignments and/or examination questions in advance; using information about exams posted on the Internet or in any electronic medium; violating a faculty member's and/or the Testing Center's testing policies and procedures; leaving a test site without permission; failing to secure test materials; removing tests or answer sheets from a test site; using someone else's work for an assignment in whole or in part as if it were one's own; submitting or resubmitting an assignment in whole or in part (i.e., recycling an assignment or self-plagiarism) without the faculty member's permission; using annotated texts or teacher's editions; making false statements or omissions related to applications for enrollment, credit or class work, research, or the award of a degree; falsifying academic records or documents; and attempting to fulfill the requirements of a course through any other dishonest means.

2. **Collusion** includes, but is not limited to, intentionally or unintentionally aiding or attempting to aid another in an act of scholastic dishonesty; failing to secure academic work; providing an inappropriate level of assistance; collaborating with or communicating answers to a classmate about an examination or course assignment without the faculty member's permission; and allowing a classmate to copy answers.

3. **Plagiarism** includes, but is not limited to, intentionally or unintentionally failing to quote and cite words, information, and/or ideas taken from a source(s) in accordance with a citation style approved by the faculty member and/or inadequately paraphrasing (i.e., patchwriting or mosaic plagiarism).

In cases where an incident report has been filed for an alleged violation of scholastic dishonesty, the faculty member will delay posting a grade for the academic work in question until the case is final. A student found responsible for a scholastic dishonesty offense(s) will receive an appropriate disciplinary penalty or penalties from the District Dean of Students Office. The student may also receive a Scholastic Penalty in the course where the scholastic dishonesty took place. The faculty member will determine the appropriate Scholastic Penalty, which may range from a grade of zero (0) on the assignment to failing the course. For more information, see Chapter 12: Disciplinary Penalties in this Student Code of Conduct.

Academic Etiquette and the College Experience

Students and professors at Collin College share a responsibility to promote, develop, and maintain a positive learning environment. Students are expected to show respect to other students and professors at all times. For more information regarding academic etiquette and the college experience, specifically student academic success and seeking out resources, disruptive use of electronic devices, and tardiness and absences, please refer to the Student Handbook (http://www.collin.edu/studentresources/personal/studenthandbook.html).

Institutional Deadlines

The Census Date is the 12th class day in a regular 16-week semester, or the fourth (4th) class day in a short summer semester. The census date varies for mini-semesters and express classes. Students are required to attend class prior to the census date. For more information, go to https://www.collin.edu/gettingstarted/register/census%20dates.html (https://www.collin.edu/gettingstarted/register/census%20dates.html).

Students may withdraw from a course(s) with a grade of "W" through the end of the eighth (8th) class week during a regular 16-week semester, through Tuesday of the third (3rd) week of classes in a short 5-week summer term, and through Thursday of the fifth (5th) week of classes in a long 10-week summer term. Withdrawals will appear on the student's official transcript, but have no effect on his or her grade point average (GPA). Contact the admissions area in the Student and Enrollment Services Office for withdrawal deadlines for other terms.

Prior to initiating a withdrawal, students should contact their professor(s) and/or an academic advisor. Withdrawal from Collin College must be initiated by the student. Students who discontinue class attendance and do not officially withdraw will receive a performance grade for the course(s). Students who need to withdraw from a class(es) may do so online or in person in the Student and Enrollment Services Office at any campus. For more information and withdrawal dates, please go to https://www.collin.edu/gettingstarted/register/withdrawal.html (https://www.collin.edu/gettingstarted/register/withdrawal.html).

Additional Support

Collin College is dedicated to providing information and support to students. Please click on the following links for more information and to learn about support the College offers: Mental Health Resources (Counseling) (https://www.collin.edu/studentresources/counseling/index.html), CougarCare, (https://timely.md/schools/index.html?school=collincollege&) Strategies of Behavioral Intervention (SOBI) (https://www.collin.edu/studentresources/SOBI/), Financial Aid and Veteran Benefits (https://www.collin.edu/gettingstarted/financialaid/), Anthony Peterson Center for Academic Assistance (http://www.collin.edu/studentresources/tutoring/) (Writing Centers (http://www.collin.edu/studentresources/writingcenter/index.html) and Math Labs (http://www.collin.edu/studentresources/mathlab/index.html)) and Family Educational Rights and Privacy Act (FERPA) (https://www.collin.edu/gettingstarted/register/ferpa.html).

For any other College Academic Policies, please refer to the Collin College Catalog (http://www.collin.edu/academics/pdf/2021-22%20Collin%20College%20Catalog.pdf) or Student Handbook (http://www.collin.edu/studentresources/personal/studenthandbook.html).

≣ Additional Items

Criminal Background Notice

If your program requires a criminal background check, your placement in a required clinical site, cooperative, practicum, internship, and/or licensure/certification opportunity may be impacted. If you have any questions or concerns, please contact your program director and check with your licensing/certifying entity, if any, to determine your status.

Web, Blended or Hybrid Class Information

General Requirements (If working from home.):

This course features online content and online office hours with the professor. A desktop or laptop computer (not a mobile device), webcam, and microphone will be required. The installation of Zoom conferencing software is also required, as well as any technical software required for coursework. During online office hours, be prepared to stream your desktop live to the professor so they can see your work.

Minimum Technology Requirement (if you want to work at home):

- Modern computer capable of running Python/IDLE, Sublime Text, and VS Code.
- Speakers or headphones for listening to digital audio or video recordings.
- Stable Internet connection required. High-speed connection is recommended.
- Internet Browser that is compatible with Canvas. Refer to Canvas Help.
- Browser Plug-ins or add-ons for Adobe Acrobat, Flash, and Java.
- Access to computer system and browser permissions to disable all pop-up blockers.
- Working Collin College e-mail account.

Minimum Student Skills:

- Use Web browser to locate specific URL.
- Use search engine to locate web resources.
- Download and install an application program.
- Ability to join Zoom sessions and view mp4 recordings.

Student Technical Support:

Technical support phone numbers:

972-881-5870

972-337-1777, option #5

Technical support website: eCollin Learning Centers (eLC)

Video: [How can the eLC help you?](#)

Netiquette Expectations:

- Online communication in this course is expected to be courteous and professional.
- No flames or personal attacks will be tolerated in either discussion or mail messages. Instigating or participating in disruptive behavior in the course will be reported to the Dean of Students. If you have a problem with a fellow student's posts or e-mails, please contact your instructor.