KalamazooVALLEY™
community college

CIS 216: Python Programming
Fall 2024, CRN 11813

Meeting Details

Lecture/Discussion 9/4/2024 - 12/14/2024
Day/Time: Wednesday 09:00 AM - 10:00 AM
Location: TTC 2150

Standard Lab 9/4/2024 - 12/14/2024
Day/Time: Wednesday 10:01 AM - 11:30 AM
Location: TTC 2150

Instructor Information

Jason Johnson
Office Location: TTC 7209
Phone Number: 269.488.4701 x 6630
Office Hours
Wednesday, 11:30 AM - 12:30 PM, or by appointment
Email: jjohnson2@kvcc.edu
Preferred Contact Method(s):
Email
Welcome Message
Please reach out by email if you need anything. I'm happy to meet in person or by Zoom as well. Just email first and we'll set up a time to meet so I can help you with whatever questions you have.

Course Description

This course is an introduction to the Python programming language for students with basic programming logic skills. This course will introduce the fundamentals of structured computer programming along with object oriented programming design in a modern development environment as well as explore the role Python has in security and cyber security. With emphasis and experiences in course work, the students will learn how to use available data types, methodologies common to Python, expressions, control statements, decision logic, file handling, functions, lists, inheritance, class creation and use, and debugging techniques in both a Console and Graphical User Interface (GUI) environment.

Prerequisite(s): Successful completion of CIS 150 is REQUIRED.

Course Learning Outcomes

During this course students will develop the following abilities:

- Creation of object-oriented programming that demonstrated encapsulation and polymorphism.

- Decision structures and boolean logic.

- Algorithms and information processing.

- Python programming language syntax, semantics, and the runtime environment.

- General coding techniques and object-oriented programming.

- Execution of a Python script at the shell prompt.

- Development of an initial understanding of cyber ethics and cybercrime and Python's role in this.

Institutional Learning Outcomes

As part of a quality education provided by Kalamazoo Valley, every course includes and assesses the following learning outcomes:

- Critical Thinking & Problem Solving

- Communication & Expression

Required Texts and Materials

Inclusive Access zyBooks

Required?: Required

Additional Information

You should have gotten several emails from the bookstore with the link and access code for your zyBook.

Technology Requirements and Recommendations

GitHub Account: https://github.com/

Final Grade Breakdown

4.0 = 90-100%

3.5 = 85-89%

3.0 = 80-84%

2.5 = 75-79%

2.0 = 70-74%

1.5 = 65-69%

1.0 = 60-65%

0.0 = 0-59%

Grading Procedures

Grades will be posted in the same week as the assignments are due.

Course Procedures

We will mostly be in a "flipped format" approach in this class. You'll read your zyBook and complete the assigned questions and labs at home. In class we'll cover points of interest, discuss the material from the previous week of reading, and practice programming together.

College Academic Dishonesty Policy

Students are required to be honest and forthright in their academic endeavors, and failure to do so constitutes academic dishonesty and is a violation of College policy.

To falsify the results of one's research, to steal the words or ideas of another, or to cheat on an examination corrupts the learning process. Academic integrity is the foundation of college success. Learning how to express original ideas, cite sources, work independently, and report results accurately and honestly are skills that carry students beyond their academic career. Academic dishonesty not only cheats the student of valuable learning experiences, but can result in a failing grade on assignments, a failing grade in a course, or even expulsion from the college for the student.

See the Student Handbook for the College Academic Dishonesty policy, including definitions and examples of Cheating, Academic Misconduct, and Plagiarism; their consequences; and the student appeal process.

Course / Canvas Schedule

Canvas activities will appear below once they are published in the Canvas class.

Due Date	Name	Type	Points
	Roll Call Attendance	Assignment	100
9/10	Chapter 1 - Labs	Assignment	100
9/10	Chapter 1 - Reading	Assignment	100

College Definition of "Attendance" for Roster Verification

If you are a federal aid recipient reported as not meeting class attendance standards, you will be [administratively dropped from those classes](). This may result in the Financial Aid office notifying you of a loss or reduction of financial aid eligibility, which could result in you owing the College and/or federal government money.

Attendance is defined by Academic Services as **TWO** specific actions (after registration) that demonstrate pursuit of class. To be considered in attendance for Roster Verification (formerly ECARS), a Kalamazoo Valley student must do minimally **BOTH** of the following:

1. Attend at least one class session during the reporting period. For web courses, this is defined as logging into the course at least once and downloading the syllabus. **AND**
2. Submit at least one assignment, quiz, or test as determined by the instructor.

Course Requirements for Roster Verification

Attendance is important for this class. Attendance will be taken for each class session, and two or more unexcused absences will result in a grade reduction. There are multiple ways for you to get the course content, including lectures, so let me know BEFORE the day of our class meeting to arrange for planned absences.

ADA / Office for Student Access

If academic accommodations are needed because of a disability or academic barrier, please contact the Office for Student Access (OSA), located in room 2220 in the Learning Center on the Texas Township Campus. You can schedule an appointment by calling **269.488.4397** (**TTD: 269.488.4358**) or by email at **learningcenter@kvcc.edu**. For more information, visit the OSA website at **www.kvcc.edu/services/student_access**

The OSA is designed to meet the individual needs of students with physical, psychiatric, or learning disabilities and medical/mental health conditions by providing accommodations, academic advising, counseling, and advocacy specific to your needs. The College has a long history of service to students with disabilities and is committed to removing barriers to help students not only reach their potential, but become academically competitive within their programs.

Student Services

Our Student Services resource center provides one-on-one assistance and brings together campus services to help students achieve their professional and personal academic goals. These include [Financial Aid (including FAFSA and other scholarship info)](), [Advising and Counseling,]() [Student Employment Services](), services for [Veterans](), [Kalamazoo Promise]() students, and [students with disabilities](), credit for [Prior Learning](), [Transfer Resource Services](), [Student Organizations,]() [Life Resources](), and [more student services]().

For more information, please visit **www.kvcc.edu/services** or contact Student Development Services at **(269) 488-4040** or **development@kvcc.edu**.

Tutoring

The Learning Centers offer study spaces and free, in-person or virtual tutoring in Math, Writing, and other specific courses in the sciences, business, ASL, and more! Enrolled students can drop in, use the computers, and do homework with tutors nearby to help.

For walk-in hours, appointments, Zoom instructions, and more, visit the Tutoring website at **www.kvcc.edu/services/tutoring**. For questions, call **269.488.4397**.or email **learningcenter@kvcc.edu**.

Library Resources

Kalamazoo Valley Libraries are located on both campuses. The Libraries offer:

- Technology for checkout such as laptops, hotspots, calculators, chargers, and headphones

- Online research databases with access to several million journal articles

- More than 65,000 books, 86,000 e-books; and over 7,000 audiovisual items.

- Librarians available to assist you in selecting the best database to research specific topics.

In addition, instructors may place library-owned or personal materials on Reserve at either library to ensure availability for students' use.

Librarian assistance and many library resources are available 24 hours a day, 7 days a week via the Libraries' website and the free Ask-A-Librarian 24/7 Chat service.

For more information go to the **www.kvcc.edu/library** or call the TTC Library at **269.488.4380**, ACC Library at **269.373.7848**.

Inclement Weather Information and Alerts

See the College closing protocols for inclement weather and sign up for text message alerts from Public Safety.

Opting in to operational SMS campaigns will ensure you stay up-to-date on college activities, events, and opportunities to aid in your success.

Emergency notifications will continue to be sent regardless of operational message opt-in preferences.

Registration Deadlines

- Registration Dates and Times
- Refund and Withdrawal Deadlines
  - **Financial aid recipients are strongly encouraged to speak with a financial aid advisor prior to dropping or withdrawing from classes so you will know what affect this will have on your financial aid**, since it could result in a loss or reduction of aid eligibility and you owing money to the College and/or Federal Government.
  - The Financial Aid office hours and contact information can be found on their website at kvcc.edu/admissions/finaid/