Edison State Community College
CIS 121S Introduction to Programming

Instructor:	Doug Streitenberger Master of Arts, Business Management, 2001 Bachelor of Science, Computer Science, 1997
Email:	dstreitenberger@edisonohio.edu
Section/Term	CIS-121S-801FS
Class Meeting Time:	Online
Location:	Online

Required Materials:

Textbook: ZyBooks, CIS 121S, Introduction to Programming; ISBN: 979-8-203-23846-7; Visit the Start Here !!! content area on Blackboard to subscribe to this textbook. **Do NOT go to the zyBooks website directly and create an account. Instead, use the links that I've provided within Blackboard.**

- Portable storage media for saving in-class examples and work in progress.

Software Development Tools:

- Integrated Development Environment (IDE):
  - Python IDLE IDE. Available for free download. See Blackboard, week 1 assignment folder for more information.

Course Description/Objective: This course provides an introduction to programming using Python. Emphasis will be placed on methodologies used to tackle business' most arduous information technology needs through the Python software development language. In addition, the importance of proper coding standards and documentation will also be stressed. Students will demonstrate an understanding of the concepts and techniques taught in the course by successfully completing assignments, and projects in a professional and comprehensive manner. The course is 3 credit hours.

Course Content: Introductory programming, coding standards, documentation, selections, loops, functions, lists and dictionaries, object-oriented programming (OOP) concepts, file and text processing, exception handling, and modules.

Homework, and Lab Assignments: Within the zyBooks textbook, there are Participation Activities (PA) that are assigned. Further, there will be weekly individual programming exercises (homework) for many of the chapters covered. In addition, there will be two (2) group projects dispersed throughout the course. In my years of teaching, whether it be on the job or in the classroom, I have found that any two programmers given an identical assignment, will approach the task differently, both in thought process and code. I have found this fascinating and want to share that with you through group projects. Through these experiences, I firmly believe that we learn best from one another. Details of all the assignments are available in the Blackboard "Assignments" folder. In addition, the class schedule, available through Blackboard within the Start Here!!! content area, provides a high-level overview of weekly assignments (minus detail) and due dates. Everything completed in this course: textbook lab assignments, homework, projects, discussion boards are open-book, open notes, and open resources. I encourage you to work together, but you must do your own work.

Programming Assignment Rubric: Within the Reference Materials content area, Chapter 0 - Intro on Blackboard, you will find a Programming Assignment Grading Rubric that will be used throughout the course. Use this as a guideline when completing programming homework assignments.

Exams: There will be no midterm or final exams given in the class. Instead, there will be midterm and final projects assigned that will truly test your understanding of the concepts discussed to that point in the course. Throughout the course, each chapter homework assignment will leverage the skills learned in prior chapters. It is imperative that the student apply themself through each and every chapter of the textbook. What is learned in each chapter will be applied in all future chapters.

Discussion Board: There will be one (1) "introductory" discussion board exercise which will be due the first week of class. This exercise has dual purposes: 1) It is meant to instill teamwork and comradery within the class. Most everything that is done in the business world is accomplished through teamwork. Why should education be any different? But remember, you must turn in your own individual work. 2) It is also meant as a fun way to introduce programming through an interesting and widespread topic. Postings will be evaluated on the quality of the postings, and the degree that the postings promote discussions with your classmates. Details about this assignment is available within the Blackboard assignment folder for week one (1).

Late Assignments: Late assignments will not be accepted but for one exception: verified Family and Medical Leave Act emergencies. These guidelines are meant to eliminate the need to evaluate what reasoning warrants a late assignment. As "life happens", and sometimes late or missed assignments are unavoidable, I will make one (1) exception to this policy. It is at the student's discretion when they wish to exercise this option. The student must notify the instructor of this decision.

Grading: The course grade will be based upon the zyBooks chapter participation activities (PA), individual homework programming assignments, 2 - group projects, one (1) discussion board assignment, various quiz assignments introducing concepts, and introductory assignments. The required format and documentation will be defined by the instructor. All work will be graded as quickly as possible. Any work which is deemed to be plagiarized will result in an automatic zero for that work and possible disciplinary action as outlined in the Student Handbook. It is great to work in teams but do your own work!

Grades will be assigned as follows:

Grading Category	Points	Weight	Cumulative Points	% of Grade	Letter Grade
ZyBooks Lab	962	34%	2560.5 - 2845	90 - 100 %	A
Chapter Homework	858	30%	2276 - 2560.4	80 - 89.9 %	B
Midterm & Final Projects	400	14%	1991.5 - 2275.9	70 - 79.9 %	C
Group Projects	400	14%	1707 - 1991.4	60 - 69.9%	D
Intro Assignments	225	8%	1706.9 and below	59.9% and below	F
Totals:	**2845**	**100%**			

Attendance/Participation: Edison State Community College believes that students must attend class if they are to be well prepared for the workplace. Online courses are no different from traditional classroom courses in this regard. It is the student's responsibility to attend class, participate in discussions, and attain the most from their educational experience.

Note: The student is required to notify the instructor in advance whenever possible if they are unable to meet time requirements or deadlines. If you become ill or have a family emergency, please contact the instructor as soon as possible to notify them of the reason for your absence. You will still be required to complete all assignments.

Submitting your Work: Every assignment within this course is available to the student through zyBooks or Blackboard. That said, students must submit their completed assignments to the instructor through zyBooks or Blackboard. Under no

circumstance are assignments to be sent to the instructor via email. The instructor must receive assignments via the appropriate technology by midnight local time on the date they are due. Be aware that zyBooks/Blackboard will automatically timestamp the delivery of your completed assignment.

Student Responsibilities: Students are expected to read the assigned chapter and complete all assignments in professional manner. Students are expected to participate in discussions boards, and read any and all assignments per instructor's direction. Students are to discuss any problems or questions regarding class procedures, assignments, or grades with the instructor. Students are expected to adhere to the Academic Honesty Policy.

Note: The Instructor reserves the right to amend, adjust, or otherwise modify this outline at any time.

Syllabus Part II Addendum for additional student support services.

AI POLICY - All coursework for this class must be authored solely by you. While limited use of generative AI tools like ChatGPT is permitted for brainstorming, outlining ideas, or checking grammar and style, AI-generated submissions—including drafts, full sentences, paragraphs, or entire assignments—are strictly prohibited and will be treated as academic misconduct. Any approved AI assistance must be properly documented and cited, in alignment with the college's academic honesty policies. If you're unsure about permitted usage, please ask for clarification before proceeding

ACCOMMODATIONS /ACCESSIBILITY AND DISABILITY SUPPORT SERVICES POLICY
Edison State Community College will make reasonable accommodations for students with documented disabilities. If you believe you may need an accommodation based on the impact of a disability, contact the instructor privately with your self-identification letter. If you do not have a self-identification letter, contact Accessibility and Disability Support Services by emailing accessibilitysupport@edisonohio.edu or by calling 937.381.1548. Accessibility and Disability Support Services is located on the Piqua Campus in Room 160. For additional information, visit https://www.edisonohio.edu/services-support/accessibility-disability-support-services

TESTING YOUR FAITH ACT POLICY - Edison State Community College is committed to providing an environment respectful of students' beliefs. Students are permitted to be absent for up to 3 days each semester based on their faith, religion, or spiritual belief system with no academic penalty. Students must complete the Testing Your Faith Act Accommodations Form, https://www.edisonohio.edu/services-support/registration-records, located in "Forms" and provide a copy to their individual faculty within 14 days from the start of the course. The entire policy can be found in the student handbook at https://www.edisonohio.edu/services-support/student-resources.

TITLE IX STATEMENT - Anti-Discrimination, Harassment and Bullying
It is the policy of the College to maintain a learning environment free from bullying, discrimination, sexual harassment or sexual violence. Title IX federal law protects students, employees and third parties with a relationship to the college. All Edison State Community College employees are required to report all knowledge of incidents that violate the Title IX policy to the Title IX Coordinator or Deputy Title IX Coordinator immediately. Student and employee confidential consultation is available through the Coordinator of Health and Wellness Services. Title IX Policy and procedure language as well as contact information for the Coordinator of Health and Wellness, Title IX Coordinator and Deputy Title IX Coordinator can be found at www.edisonohio.edu/TitleIX/.

TUTORING SERVICES - All Edison State students are eligible to receive free tutoring and learning support services through our Tutoring Center. Available services include Edison State tutors, both online and in-person, covering a wide variety of courses including various levels of math and paper reviews, online tutoring through OhioLINK eTutoring, distraction-reduced study rooms, and the use of Tutoring Center resources including subject-specific and general study guides. For more information on tutoring services, visit the Tutoring Center in the Library, email us at tutoringcenter@edisonohio.edu, call 937-778-7959, or visit our webpage at https://www.edisonohio.edu/tutoring-center/

CIS 121S - Introduction to Programming with Python			08/24/2026 - 12/12/2026; Online		
Week #	**Chapter**	**Chapter Topics**	**Assignments**	**Points**	**Due Date**
Week 1	Chapter 1	Introduction to Python	Read Chapter 1		
			Statement of Understanding Quiz	5	**Sat, Aug 29**
			Python Discussion Board, Initial Post	70	**Sat, Aug 29**
			Course Message Assignment	20	Tue, Sep 1
			ZyBooks Chapter 1 Participation Activities (PA)	95	Tue, Sep 1
			Install Python and IDLE IDE / Visual Studio Code	100	Tue, Sep 1
			Python Discussion Board, Responses To Peers	30	Tue, Sep 1
			Read Chapter 2		
Week 2	Chapter 2	Variables and Expressions	ZyBooks Chapter 2 Participation Activities (PA)	129	Tue, Sep 8
			Chapter 2 Homework	100	Tue, Sep 8
			Read Chapter 3		
Week 3	Chapter 3	Types	ZyBooks Chapter 3 Participation Activities (PA)	94	Tue, Sep 15
			Chapter 3 Homework	100	Tue, Sep 15
			Read Chapter 4		
Week 4	Chapter 4	Branching	ZyBooks Chapter 4 Participation Activities (PA)	163	Tue, Sep 22
Web-Flex			Chapter 4 Homework	100	Tue, Sep 22
			Read Chapter 5		
Week 5	Chapter 5	Loops	Group Project 1 Planning Document	50	Tue, Sep 29
			ZyBooks Chapter 5 Participation Activities (PA)	106	Tue, Sep 29
			Chapter 5 Homework	100	Tue, Sep 29
			Read Chapter 6		
Week 6	Chapter 6	Functions	ZyBooks Chapter 6 Participation Activities (PA)	109	Tue, Oct 6
			Group Project 1	150	Tue, Oct 6
			Group Project 1 Self, Peer Review	0	Tue, Oct 6
			Read Chapter 6		
Week 7	Chapter 6	Functions	Chapter 6 Homework	100	Tue, Oct 13
	(continued)		Read Chapter 7		
Week 8		Midterm Project	Rock, Paper, Scissors	200	**Sat, Oct 17**
Web-Flex					
Week 9	Chapter 7	Strings	ZyBooks Chapter 7 Participation Activities (PA)	38	Tue, Oct 27
		GitHub	String Methods and Terms Matching Quiz	20	Tue, Oct 27
			GitHub Video Review Questions	36	Tue, Oct 27
			GitHub Account + Repository Uploaded	50	Tue, Oct 27
			Read Chapter 8		

Week 10	Chapter 8	Lists and Dictionaries	Group Project 2 Planning Document	50	Tue, Nov 3
			ZyBooks Chapter 8 Participation Activities (PA)	76	Tue, Nov 3
			REST API Review Questions	52	Tue, Nov 3
			Do-Over Assignment Opportunity		Tue, Nov 3
			Read Chapter 8		
Week 11	Chapter 8	Lists and Dictionaries	**Group Project 2**	150	Tue, Nov 10
			Group Project 2 Self, Peer Review	0	Tue, Nov 10
Web-Flex	(continued)		Read Chapter 9		
Week 12	Chapter 9	Classes	ZyBooks Chapter 9 Participation Activities	56	Tue, Nov 17
			Chapter 9 Homework	100	Tue, Nov 17
			Read Chapter 10		
Week 13	Chapter 10	Modules	ZyBooks Chapter 10 Participation Activities	28	Tue, Nov 24
Web-Flex	Chapter 11	Files	ZyBooks Chapter 11 Participation Activities	30	Tue, Nov 24
			Read Chapter 12		
Week 14	Chapter 12	Exceptions	ZyBooks Chapter 12 Participation Activities	17	Tue, Dec 1
		Debugging	Chapter 12 Homework - Debug Exercise	100	Tue, Dec 1
			Read Chapter 13		
Week 15	Chapter 13	Inheritance	ZyBooks Chapter 13 Participation Activities	21	Tue, Dec 8
			Extra Credit Assignment 3-2-1		Tue, Dec 8
			Do-Over Assignment Opportunity		Tue, Dec 8
Week 16	Final Week	Final Project	Inheritance with Lists	200	**Sat, Dec 12**
Web-Flex					
				2845	

Notes: **All Assignments Due at Midnight on the date indicated.**

The Instructor reserves the right to amend, adjust, or otherwise modify this outline at any time.

Course Bonus Points Overview:

	Chapter 2	Chapter 2 Homework Assignment	Format Output Data	10
	Chapter 3	Chapter 3 Homework Assignment	Add Branching Structure	10
	Chapter 4	Chapter 4 Homework Assignment	Add Looping Structure	10
	Chapter 5	ZyBooks Chapter 5	Selected Challenge Activities	12
	Chapter 6	ZyBooks Chapter 5	Selected Challenge Activities	10
		Group Project 1	Challenge Problem #11	10
		Midterm Project	Rock, Paper, Scissor, Lizard, Spock	20
	Chapter 8	ZyBooks Chapter 8	Selected Challenge Activities	10
	Chapter 9	ZyBooks Chapter 9	Selected Challenge Activities	10
	Chapter 13	ZyBooks Chapter 13	Selected Challenge Activities	10
		End of Class Review	3-2-1+ Feedback	25
				137