ITSE 1302-101CL
Computer Programming (UiPath Robotic Process Automation (RPA))
Course Semester (Fall 2023) 8/28/2023 – 12/15/2023
Monday and Wednesday, 11:00 am – 1:50 pm, STEAM classroom S1.146

Instructor Information:

Name: Faith (Fay) Alexander

Email: Email: fbryan@com.edu

Phone: Office phone: 409-933-8334, if no answer, leave a message for a callback

Office Location: STEAM 225.55

Student / Office Hours and Location:

S1.146 (classroom) or STEAM 225.55 (office)

Monday,	8:30 – 9:30am, 2:00 – 2:30 pm
Tuesday,	8:30 – 9:30am, 1:30 – 3:00 pm
Wednesday,	8:30 – 9:30am, 2:00 – 2:30 pm
Thursday,	8:30 – 9:30am, 1:30 – 2:30 pm

Required Textbook:

There is no required textbook. Learning materials are on UiPath.com and on D2L.

Course Description:

This course offers comprehensive knowledge and professional-level skills focused on developing and deploying software robots. The course assumes no prior knowledge of RPA. It starts with the basic concepts of Robotic Process Automation. It further builds on these concepts and introduces key RPA Design and Development strategies and methodologies, specifically in the context of UiPath products. A student undergoing the course shall develop the competence to design and develop a robot for a defined process.

Course Requirements:
UiPath Studio software is required for this course. This software is installed in all computers in the classroom. Students may also install the software on their home computer. UiPath Studio works only on Windows computers, not on a MacIntosh computer.

Grading Formula:

The grade is determined by the completion of the UiPath assignments and quizzes.

COURSE ITEM	% of Total Grade
UiPath Assignments	50%
UiPath Quizzes	50%
Total	**100%**

Grading Scale:

Letter Grade	Percent
A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	Below 60%

Late Work, Make-Up, and Extra-Credit Policy:

All assignments must be completed according to the deadline date. Late work will not be accepted. Contact the instructor if you have any issues. There is no extra credit in this course.

Attendance Policy:
All students are expected to attend all sessions in the classroom. There are no recordings of lectures and labs. If you cannot attend a class, you are still responsible for that content. Please contact a classmate to find out what you missed, and be sure to meet all deadlines, as they will not be extended. You may also meet with the instructor during student/office hours.

Computer and Internet access: Regarding problems with your own computer and with Internet access, COM is not responsible for outages, and due dates will not be extended.

Cell Phone Usage: Cell phone usage is not allowed during class.

Communicating with your instructor: ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means.

Student Learner Outcome	Maps to Core Objective	Assessed by Assignment(s)
Design, write, test, and document computer programs.	Critical thinking	Module 3 Assignment for If-Else Activity

Academic Dishonesty:
Any incident of academic policy will be dealt with in accordance with college policy and the Student Handbook. Academic dishonesty – such as cheating on exams is an extremely serious offense and will result in a grade of zero on that exam and the student will be referred to the Office of Student Conduct for the appropriate disciplinary action.

Student Concerns:
If you have any questions or concerns about any aspect of this course, please contact me using the contact information previously provided. If, after discussing your concern with me, you continue to have questions, please contact Mr. Leslie Richardson, Math and Computer Science Department Chair, at 409-933-8329, email lrichardson@com.edu.

Course Outline

Week	Date	Topic
1	8/28 – 8/30	Module 1: Introduction to RPA. Activate License Key Quiz Module 1
2	Holiday - 9/6	Module 2 in D2L Content, Browser Extensions. "Hello World" assignment Email to self - assignment Quiz Module 2
3	9/11 – 9/13	Module 3 in D2L Content First three steps of Movie Search Automation Table Extraction Automation
4	9/18 – 9/20	Module 3 in D2L Content Recording Wizard Loops, type into Notepad Automation If-else Activity Movie Example Quiz Module 3
5	9/25 – 9/27	Module 4 in D2L Content Data Persistence Reading Data from Excel Writing Data to an Excel File
6	10/2 – 10/4	Module 4 in D2L Content Selectors Selector and Fuzzy Selector UI Explorer and Selector Options
7	10/9 – 10/11	Module 4 in D2L Content Properties of UI Explorer Steps to Automate Movie Search Quiz Module 4
8	10/16 – 10/18	https://www.uipath.com/rpa/academy Citizen Developer Foundation. Unicorn Name
9	10/23 – 10/25	Citizen Developer: Build Your First Automation with StudioX
10	10/30 – 11/1	Citizen Developer Journey: Generate passwords (Use the Robot path and "Solution Steps" on the UiPath website)
11	11/6 – 11/8	Citizen Developer: File and Folder Automation in StudioX. (Use Robot path and "Solution Steps" on the website.)
12	11/13 – 11/15	Citizen Developer: User Interface Automation in StudioX (Use Robot paths)
13	11/20 – 11/22	Decisions, Iterations and Scenarios in StudioX (Use Robot Path and "Solution Steps" on the website)
14	11/27 – 11/29	Citizen Developer: How to Handle Errors
15	12/4 – 12/6	Citizen Developer: Email Automation and Excel Automation in StudioX
16	12/11	Citizen Developer Assessment

Institutional Policies and Guidelines

Grade Appeal Process: Concerns about the accuracy of grades should first be discussed with the instructor. A request for a change of grade is a formal request and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook https://www.com.edu/student-services/docs/Student_Handbook_2023-2024_v2.pdf. *An appeal will not be considered because of general dissatisfaction with a grade, penalty, or outcome of a course. Disagreement with the instructor's professional judgment of the quality of the student's work and performance is also not an admissible basis for a grade appeal.*

Academic Success & Support Services: College of the Mainland is committed to providing students the necessary support and tools for success in their college careers. Support is offered through our Tutoring Services, Library, Counseling, and through Student Services. Please discuss any concerns with your faculty or an advisor.

ADA Statement: Any student with a documented disability needing academic accommodations is requested to contact Kimberly Lachney at 409-933-8919 or klachney@com.edu. The Office of Services for Students with Disabilities is located in the Student Success Center.

Textbook Purchasing Statement: A student attending College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer. As previously stated, this course does not require a textbook.

Withdrawal Policy: Students may withdraw from this course for any reason prior to the last eligible day for a "W" grade. Before withdrawing students should speak with the instructor and consult an advisor. Students are permitted to withdraw only six times during their college career by state law. The last date to withdraw from the 1st 8-week session is October 11. The last date to withdraw from the 16-week session is November 28. The last date to withdraw for the 2nd 8-week session is December 7.

FN Grading: The FN grade is issued in cases of *failure due to a lack of attendance*, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities, and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

Early Alert Program: The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer in order for you to meet your academic goals.

Resources to Help with Stress:
If you are experiencing stress or anxiety about your daily living needs including food, housing or just feel you could benefit from free resources to help you through a difficult time, please click

here https://www.com.edu/community-resource-center/. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork, by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at deanofstudents@com.edu or communityresources@com.edu.

Updates to this Syllabus:
The instructor reserves the right to update this syllabus. All substantive changes will be communicated to students as soon as possible, in the classroom and through BrightSpace D2L announcements.