



ITSE 1392 (101H3)
Robotic Process Automation (UiPath II)
Spring 2025, 1/13/2024 – 5/8/2024
11:00 am – 12:20 pm, Monday and Wednesday
STEAM classroom on the first floor: S1.146

Instructor Information:

Name: Faith (Fay) Alexander

Email: fbryan@com.edu

Office phone: 409-933-8334 – If no answer, leave a message for a callback.

Office Location: STEAM 225.55

Student/Office hours in the classroom, S1.146, S1.152 or STEAM 225.55 (office)

Monday, 9 – 9:30, 12:30 – 2:00 pm

Tuesday, 9:00 – 11:00 am

Wednesday, 9 – 9:30, 12:30 – 2:00 pm

Thursday, 9:00 – 11:00 am

Other days and times are by appointment with the instructor.

Textbook:

There is no textbook required. All course information resides in D2L and UiPath.com.

Course Description:

This course offers comprehensive knowledge and professional-level skills focused on developing knowledge skills and tools necessary to elicit, document, deliver and manage requirements throughout the technology delivery life-cycle. The course prepares the student for UiPath's RPA Associate Certification.

Prerequisite: ITSE 1391 with a grade of "C" or better.

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.

Students are also required to complete assignments outside of class, as well as work practice exercises listed for each module. Success in RPA solution depends on a lot of practice. Students should plan to work at least one hour outside of class for every hour spent in class. More time might be necessary. Even though learning UiPath takes time, it is enjoyable and satisfying to get UiPath workflows to work properly.

Determination of Course Grade/Detailed Grading Formula

The grade is determined by the completion of the programming assignments, tests, and Group Project assignments as described in the grading formula below.

COURSE ITEM	% of Total Grade
Chapter Assignments	30%
Tests	70%
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: Homework must be completed on time. Due dates will not be extended and late work will not be accepted. There are no test re-takes. See the instructor if you have a documented emergency. 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.

All assignments and specific due dates are in D2L, COM's Learning Management System. Each student is expected to access D2L on a regular basis to be cognizant of all assignments. All tests are also in D2L.

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 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.

You may communicate with the instructor through email, phone and during student hours.

Student Learner Outcomes	Maps to Core Objective	Assessed by Assignment(s)
1. Students will successfully utilize UiPath tools to automate email processing.	Critical Thinking	Email Automation in UiPath
2. Students will use Studio to build an automation project and publish it to Orchestrator.	Critical Thinking	Orchestrator Overview for Automation Developers
3. Students will use UiPath tools for debugging workflows in Studio	Critical Thinking	Debugging in Studio

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.

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.

Course Outline:

Week	Dates	Topic
1	1/13 – 1/15	Data Manipulation with Lists and Dictionaries in Studio, UI Automation
2	1/22	UI Automation Synchronization with Studio
3	1/27 – 1/29	UI Automation Descriptors in Studio
4	2/3 – 2/5	Selectors in Studio Deep Dive
5	2/10 – 2/12	Debugging in Studio, Error and Exception Handling in Studio
6	2/17 – 2/19	Working with Local Files and Folders in Studio
7	2/24 – 2/26	Email Automation in Studio
8	3/3 - 3/5	PDF Automation in Studio
9	3/10 – 3/12	Data Manipulation with Data Tables in Studio
	3/17– 3/19	SPRING BREAK
10	3/24– 3/26	Introduction to Logging in Studio, Orchestrator Overview for Automation Developers

Week	Dates	Topic
11	3/31 - 4/2	Working with Orchestrator Resources as an Automation Developer
12	4/7 – 4/9	Object Repository in Studio, UiPath Integration Service Overview
13	4/14 – 4/16	Version Control systems Integration in Studio
14	4/21 -4/23	Workflow Analyzer, RPA Testing with Studio
15	4/28– 4/30	Project Organization in Studio, UiPath Automation Implementation Methodology Fundamentals
16	5/5	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_2024-2025_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, Student Accessibility Services Coordinator

Phone: 409-933-8919

Email: AccessibilityServices@com.edu

Location: COM Doyle Family Administration Building, 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.

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 February 26. The last date to withdraw from the 16-week session is April 21. The last date to withdraw for the 2nd 8-week session is April 30.

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.

Nondiscrimination Statement:

The College District prohibits discrimination, including harassment, against any individual on the basis of race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy.